Monitoring Landcover Changes in California

A USFS and CDF Cooperative Change Detection Program

Southern Sierra Nevada Project Area

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Summary

The U.S. Forest Service (USFS) and the California Department of Forestry and Fire Protection (CDF) are collaborating on a statewide change detection project to provide a seamless picture of land cover change across multiple ownerships within five-year time intervals. This project uses Landsat Thematic Mapper (TM) satellite imagery with a ground resolution of 30 square meters to locate land cover change and assess its amount, direction (increase or decrease) and cause. By revisiting each project area in five years, the project detects trends and conversion rates of vegetation.

This report focuses on the Southern Sierra Nevada project area, which encompasses approximately 16 million acres in the southern portion of the Sierra Nevada mountain range. The project area contains various ownerships including national forests, national parks, other federal and state lands, and private lands. Vegetation types within the project area include coniferous forest, hardwood rangeland, grassland and desert scrub.

The project detected little to no change on approximately 75 percent of the hardwood area and 87 percent of the conifer area between 1990 and 1995. Detected increase in vegetation cover is larger than detected decrease in vegetation cover for the hardwood (13 percent and 3 percent) and conifer (4 percent and 2 percent) cover types present in the project area. Blue oak has the largest area of detected cover increase at 154,117 acres or 15 percent of its area, while montane hardwood has the greatest amount of detected cover decrease at 34,120 acres or 3 percent of its area. Within national forest and national park lands, sierran mixed conifer has the largest acreage of detected cover increase at 72,920 acres or 6 percent of its area. Ponderosa pine has the largest acreage of detected cover decrease at 43,113 acres or 6 percent of its area.

The analysis attributes change in the hardwood and conifer cover types due to several causes including harvesting, thinning, wildfire, prescribed fire, mortality, and urban development. Wildfire accounts for the largest identified cause of vegetation cover increase and decrease within these cover types and across all ownerships. The change detection procedure is also able to detect more subtle changes in vegetation cover, such as thinnings, selective harvests, brushing for fuel reduction and mortality. Approximately 9 percent of the total detected cover increases and decrease are validated across the project area.

Important Findings

Methodology

- The change detection method produces a product covering millions of acres of land within one year at less than one cent per acre.
- The method easily detects large changes in vegetation cover, such as those resulting from harvest or fire.
- The method can also detect more subtle changes in vegetation cover such as thinnings, selective harvests, brushing for fuel reduction and mortality.
- Vegetation increase does not always represent an increase in hardwood or conifer canopy, but rather seasonal variations (vegetation moisture content), and successional characteristics (growth of grass and shrub species following a disturbance).

Hardwoods

- Detected change in hardwood rangelands is approximately 13 percent vegetation cover increase, 3 percent vegetation cover decrease, and 75 percent little to no change.
- Calaveras County has the largest percentage of vegetation cover decrease within the hardwood cover types at 6 percent (13,682 acres).
- Fresno County has the largest percentage of vegetation cover increase within the hardwood cover types at 23 percent (113,405 acres).
- Harvesting practices accounts for the largest cause of hardwood change in Kern, Madera and Mariposa counties, while wildfire accounts for the principal cause of hardwood change in Calaveras, Fresno, Tuolumne, and Tulare counties.
- The largest acreage of hardwood cover increase and decrease occurs in the montane hardwood cover type.

Conifers

- Detected change in coniferous forests is approximately 4 percent vegetation cover increase, 2 percent vegetation cover decrease, and 87 percent little to no change.
- The Stanislaus National Forest has the highest percentage of vegetation cover decrease and increase within the conifer cover type at 4 percent (28,300 acres) and 12 percent (77,761 acres), respectively.
- Wildfire accounts for the largest source of conifer change on the Stanislaus, Sierra, Sequoia and Inyo National Forests.
- The largest amount of conifer cover decrease occurs in the pine cover type. Total change is greatest in the ponderosa pine and sierran mixed conifer types.
- Removal of approximately 15 to 20 percent of the canopy is the minimum detectable level within the conifer cover type.

Report Organization

The Southern Sierra Nevada change detection project report has two main components. The first presents analysis of the change detection results through text and graphs. The second consists of tables that provide acreage estimates of change in vegetation cover and of activities that cause this change by ownership. These tables are organized into three sections; regional (change over the project area), county (change within each county), and national forest (change within each forest).

Introduction

The USFS and CDF are collaborating on a large-area change detection program as a means for monitoring landscape alterations. This program uses TM satellite imagery with a ground resolution of 30

square meters and covers the state of California in five separate project areas on a five-year cycle (Figure 1). The goal of this program is to implement a long-term, low cost and high quality monitoring program to identify trends in forest health, assess changes in vegetation extent and composition, and provide data for updating regional vegetation and fire perimeter maps. This project provides current monitoring information across all ownerships and vegetation types represented in California.



Figure 1. Location and extent of project areas.

As human and natural forces modify the landscape, resource agencies find it increasingly important

to monitor and assess these alterations. Changes in vegetation affect wildlife habitat, fire conditions, aesthetic and historical values, productive capacity, economic value and ambient air quality. These changes, in turn, influence management and policy decisions. Methods for monitoring vegetation change range from intensive field sampling with plot inventories to extensive analysis of remotely sensed data. Although aerial photography can detect change over relatively small areas at a reasonable cost, satellite imagery has proven to be more cost effective for detecting change over large regions.

Change detection results can answer different questions at a variety of scales. At a regional scale, ecosystem characteristics or function can be investigated by examining the cause of change over time, the balance of vegetation increase and decrease, and whether changes are temporary or permanent (e.g., fire versus development). Examining changes in vegetation at a more sub-regional or local scale can help resource managers evaluate the impacts of disturbances on natural resources of local interest. This information is useful to monitor and assess the effectiveness of existing policies, programs, management

activities and regulations, and to develop alternatives as needed (e.g., county voluntary guidelines for oak woodland management).

This report focuses on the Southern Sierra Nevada project area (Figure 2), which encompasses approximately 16 million acres in the southern portion of the Sierra Nevada mountain range. It comprises various ownerships including national forests, national parks, other federal and state lands, and private lands. Vegetation types within the project area include coniferous forest, hardwood rangeland, grassland and desert scrub. Delineation of the project boundary is based on ecological subsection boundaries and TM scene boundaries.

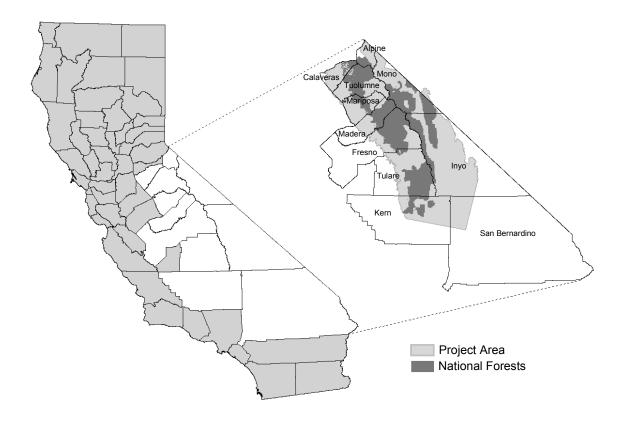


Figure 2. Location of Southern Sierra Nevada Project Area.

Data

Landsat TM imagery provides the base data for this project. Project area coverage requires six Landsat TM images. Detecting change requires two image dates for each path/row (Table 1).

Table 1. TM Imagery for Project Area

| Path/Row ¹ | Da | ates |
|-----------------------|---------|---------|
| 43/33 | 8/13/89 | 9/15/95 |
| 43/34 | 8/16/90 | 9/15/95 |
| 42/34 | 8/25/90 | 9/08/95 |
| 42/35 | 8/25/90 | 9/08/95 |
| 41/34 | 9/03/90 | 9/17/95 |
| 41/35 | 9/03/90 | 9/17/95 |

¹From the World Reference System (WRS).

Some areas on the east side of the project area are not covered due to ecological subsection and TM scene boundaries. Image acquisition coincides with identical seasons to minimize differences in sun angle and atmospheric conditions. Minimal cloud cover is also a requirement for each image. TM imagery ground resolution is 30 square meters (approximately 1/5 of an acre). Systeme Pour l'Observation de la Terre (SPOT) panchromatic imagery is also used to ensure common registration of the TM imagery with previous mapping projects. Spatial resolution of SPOT data is 10 square meters. Ancillary data (e.g., vegetation, infrastructure, ownership, and land use) for analyzing the change data and creating map products comes from GIS coverages, aerial photography and field data.

Table 2 provides a description of all GIS layers. Vegetation data are from the CDF hardwood layer, National forest vegetation layers and a Gap Analysis Program (GAP) vegetation layer. Aerial photography, with a nominal scale of 1:15,840, covers only national forest lands and private inholdings within the forests. Field plots on national forest lands are established on a systematic grid in stands with detected change and known mortality. Stand characteristics such as species, age and size are collected. Fieldwork in hardwood rangelands identifies the cause of change, but does not include quantitative measurements on hardwoods.

Table 2. GIS Data for Project Area

| DATA NAME (filename) | DESCRIPTION | DATA TYPE ¹ | SOURCE SCALE | EXTENT | CUSTODIAN | |
|---------------------------------------------|-------------------------------------------------------------------------------|----------------------------|-------------------------------|------------------------------------|-----------|--|
| Hardwoods (hardwoodsg) | Hardwood rangeland vegetation ² | Raster | 25 m ² pixel | Areas less than 5000 ft. msl | CDF | |
| GAP Analysis | Land cover / land use | Polygon | 100 Hectares or ~ 250 Acres | Statewide | CDF | |
| Ownership ³ (govtown) | Local, state, federal and private ownership | Polygon | 1:100,000 | Statewide | CDF | |
| Hydrography (streams_1kk & lakes) | All flowing waters, standing waters and wetlands | Polygon and line 1:100,000 | | Statewide | CDF | |
| PLSS (pls-ignits) | Public land survey system | Polygon | 1:100,000 | Statewide | CDF | |
| Fire perimeters ³ (fire_history) | Fire history primarily on state lands | Regions (polygons) | Varies, 1:24,000 to 1:100,000 | Statewide | CDF | |
| Roads ³ (roads_1kk) | Major and minor roads and highways | Line | 1:100,000 | Statewide | CDF | |
| Cities (cities) | City location and population | Point | 1:100,000 | Statewide | CDF | |
| CALWATER | Watershed boundaries | Polygon | 1:24,000 | Statewide | CDF | |
| USFS NHEU boundaries | Ecological subsection boundaries | Polygon | 1:7,500,000 | Statewide | USFS | |
| NF boundary coverages | Administrative boundaries | Polygon | 1:24,000 | National Forest | USFS | |
| NF vegetation coverages ³ | Lifeform, CALVEG ⁴ and stand structure (density, size, etc.) | Polygon | 2.5 acre mmu | National Forest | USFS | |
| NF fire layers ³ | Fires | Polygon | Varies, 1:24,000 to 1:100,000 | National Forest | USFS | |
| NF harvest layers ³ | Silvicultural practices | Polygon | 1:24,000 | National Forest | USFS | |

Methods

Detecting landscape changes occurs through two phases. In the first phase, image processing techniques produce a landscape-level change map between the 1990 and 1995 image dates. This map identifies a continuum of change classes ranging from little or no vegetation cover change to large

All GIS layers are in ARC/INFO format unless noted.
 Created for CDF by Pacific Meridian Resources (1994).
 Indicates layers that are continuously updated.
 Classification system based on UDSA Forest Service Regional Ecology Group (1981).

vegetation cover increases and decreases. In the second phase, areas of detected change are interpreted to identify the levels and cause of change associated with the vegetation types present in the project area.

Phase one begins by comparing the registration of the 1990 imagery to the SPOT imagery. This ensures proper registration to the Universal Transverse Mercator (UTM) coordinate system. Each 1995 TM image is then registered to its corresponding (same path/row) 1990 TM image by on-screen placement of control points. These control points are features common in both images, such as road intersections, and are evenly distributed throughout each image. Once the control points are established, the 1995 TM pixel values are assigned to the 1990 TM pixel locations by applying a nearest neighbor resampling technique.

Once the imagery is correctly registered, it is processed by the Multi-temporal Kauth-Thomas (MKT) transformation (Kauth and Thomas, 1976). This transformation reduces 12 TM bands (six bands each for the 1990 and 1995 TM images) into brightness, greenness and wetness components. The brightness component identifies variation in soil reflectance, the greenness component relates to the amount of green vegetation present in the scene, and the wetness component correlates to canopy and soil moisture. The result is an image representing changes in brightness, greenness and wetness values between the two dates.

The final step in phase one is to identify change classes from the brightness, greenness and wetness image. An unsupervised classification of the brightness, greenness and wetness image groups similar levels of brightness, greenness and wetness into 50 classes. Each of these 50 classes is assigned to a particular change class, within the change continuum (Figure 3), according to its level of change. Image

appearance, photo interpretation, vegetation and topographic maps, GIS coverages and bispectral plots (i.e., greenness vs. wetness) aid in identifying levels of change. This continuum of change represents relative changes in vegetation cover (a small decrease has less vegetation change than a moderate or large decrease). The



Figure 3. Change class continuum.

non-vegetation and cloud/shadow change classes are added to account for changes in lake and reservoir water levels and snow pack in high elevation rocky terrain, clouds in the imagery and shadows in mountainous areas. Because clouds and shadows obscure ground cover, it is not possible to determine whether the vegetation has changed or remained stable in these areas.

Phase two begins by creating a vegetation layer based on the Wildlife Habitat Relationships (WHR) classification system (Mayer and Laudenslayer, 1988) from the CDF hardwood layer, national forest vegetation layers and a GAP Analysis vegetation layer. The hardwood and GAP layers have WHR descriptions, and the national forest layers are crosswalked to the WHR classification system. For vegetation lifeform, precedence is given to the hardwood layer in the hardwood rangelands, national forest vegetation layers in the national forests and GAP in areas not covered by the previous two layers. Precedence is the same for vegetation cover type, except for the conifer cover type in the hardwood layer. Because the conifer cover type within the hardwood layer does not have a WHR description, the WHR description from GAP fills in these areas.

The vegetation layer is then overlaid onto the change detection map in a GIS. This process estimates the amount of change by vegetation type for the entire project area. The amount of change in each vegetation type is then stratified by ownership (e.g., national forest, Bureau of Land Management and private).

The final step in phase two is to identify cause of change. This process begins by overlaying fire and harvest layers onto the change detection map in a GIS. This process readily attributes areas of change due to wildfire, prescribed fire, silvicultural practices and vegetation re-growth. Once these areas are identified, 7.5-minute quadrangle-size change maps are created for the conifer and hardwood vegetation types. National forest resource managers interpret the conifer change maps by applying local knowledge regarding sources of change in the conifer forests. Similarly, personnel from the University of California Integrated Hardwood Rangeland Management Program (IHRMP) consult private landowners to identify sources of change in hardwood rangelands.

Project Area Results

Detected change consists of vegetation cover increases, decreases and little to no change. Each of these terms is a measure of change in the existing vegetation canopy or ground cover. For the hardwood and conifer cover types, these terms relate to canopy cover, and for the shrub and grass cover types, they relate to ground cover. The little to no change class indicates that change in the existing vegetation is so slight that it could not be detected or that the vegetation did not change. Also, a detected increase in vegetation cover may not always represent a real or net increase in hardwood or conifer canopy, but rather grass and/or shrub understory growth, seasonal variations (differences in vegetation moisture content), or succession following a disturbance.

Because this project is funded by programs that assess forest health and woodland extent and condition, the results in this report focus on hardwood and conifer change. Appendix A provides a complete description of the hardwood and conifer cover types.

Approximately 75 percent of the hardwood area and 87 percent of the conifer area are detected as having little to no change between 1990 and 1995. Detected increase in hardwood cover is larger than detected decrease in hardwood cover (13 percent and 3 percent) for the project area. This pattern is similar for conifer cover (4 percent and 2 percent).

Most of the detected vegetation changes in these cover types are in the small increase and decrease change classes. Figure 4 illustrates that the small increase change class has approximately four times the acreage amount of the moderate and large increase change classes, and the small decrease change class has more than twice the acreage amount of the moderate and large decrease change classes.

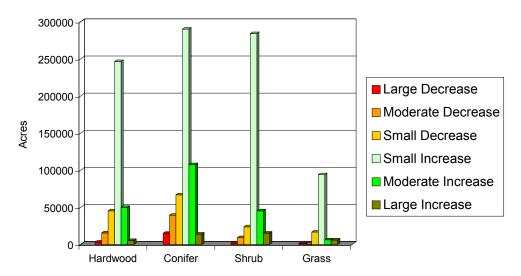


Figure 4. Distribution of detected change classes by cover type.

Possible reasons for small vegetation increase include:

- 1. slow growth of existing vegetation canopy;
- 2. regrowth of understory vegetation;
- 3. establishment of lawns and other landscaping in new developments;
- 4. moisture differences in vegetation between the two imagery dates.

Possible reasons for small vegetation decrease include:

- 1. moderate vegetation removals;
- 2. partial canopy alterations including harvesting or development;
- 3. loss of understory vegetation while overstory vegetation remains.

Hardwood Rangeland Results

Each county displays a greater percentage and acreage of hardwood cover increase than decrease. Calaveras County has the highest percent of hardwood cover decrease at 6 percent (13,682 acres), while Fresno County shows the largest acreage of hardwood cover decrease at 14,757 acres (4 percent). Tulare exhibits the least acreage and percentage of hardwood cover decrease (3,520 acres and 1 percent). Fresno County also has the largest acreage and percentage of detected hardwood cover increase (113,405 acres and 23 percent), while Kern County has the least (14,756 acres and 5 percent). Again, this hardwood cover increase does not always represent a gain in hardwood canopy or extent because of the sensitivity of the change detection process to vegetation moisture content and regrowth of shrubs and grass following disturbances.

Figure 5 displays the distribution of detected hardwood cover change by county. The positive acreage numbers represent detected hardwood cover increase and the negative numbers represent detected hardwood cover decrease. For example, Kern and Marisposa counties show a large amount of detected cover decrease in blue oak woodland, while Fresno and Mariposa counties show a large amount of detected cover increase in blue oak woodland. These acreages are distributed among each increase and decrease cover change class (small, moderate, and large). For example, in Mariposa County, 8,751 acres of blue oak woodland cover decrease are in the small decrease change class, 170 acres are in the moderate decrease change class and one acre is in the large decrease change class. For increase in blue oak woodland cover within Mariposa County, 15,231 acres are in the small increase change class, 9,201 acres are in the moderate increase change class and 520 acres are in the large increase change class (refer to Table 25).

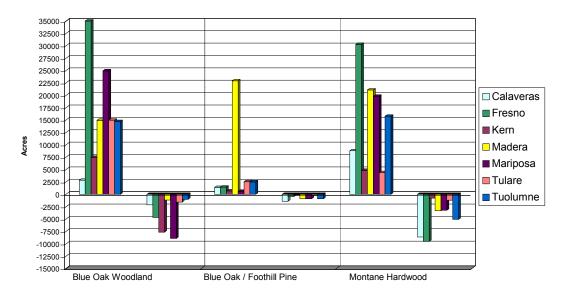


Figure 5. Acres of detected change by hardwood cover type and county.

Figure 6 displays cause of hardwood cover change identified by this analysis. Wildfire and harvesting are large causes of change in Calaveras County. In Madera, Mariposa and Kern counties, harvesting and prescribed burning are major causes of change, while in Fresno, Tuolumne and Tulare counties, wildfire is a major cause of change. Although not the largest cause of change, development is identified as a source of change in all counties except for Kern. This is important because this is a permanent type of change. Counties showing the largest amount of change from development include Mariposa, Calaveras, Fresno and Madera. These acreages do not necessarily account for all development in each of these counties because the project did not assess all change areas for cause.

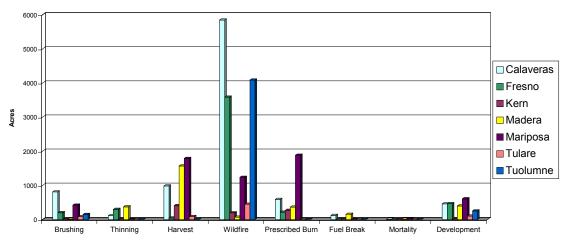


Figure 6. Acres of verified hardwood decrease by cause and county.

Coniferous Forest Results

Each national forest displays more detected conifer cover decrease than increase. The Stanislaus National Forest has the highest acreage and percentage of conifer cover decrease (28,300 acres and 4 percent) and increase (77,761 acres or 12 percent). The Inyo has the least acreage and percentage of conifer cover decrease (3,245 acres and 1 percent) and increase (13,407 acres or 1 percent). This conifer increase can have several meanings including understory vegetation growth, conifer canopy growth or moisture content differences.

To aid in the analysis and understanding of conifer change, each conifer cover type is lumped into one of three general cover type categories: pine, fir, and other (Appendix A). Figure 7 displays the distribution of detected conifer cover change by each conifer category and national forest.

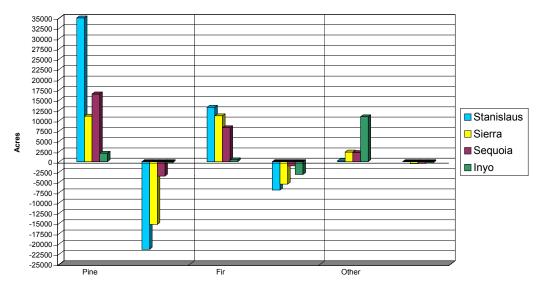


Figure 7. Acres of detected change by conifer cover type and National forest.

Positive acreage numbers represent detected conifer cover increase and the negative numbers represent detected conifer cover decrease. Distribution of acres is in each of the increase and decrease cover change classes (small, moderate and large). Comparisons can be made to assess changes in these conifer cover type categories. For example, most detected cover increase is in the pine cover type within the Stanislaus and Sequoia National Forests, and most detected cover decrease is in the pine cover type within the Stanislaus and Sierra National Forests. The Inyo National Forest has a large amount of detected cover increase in cover types other than pine or fir (e.g., juniper, cedar, hemlock). Within the Stanislaus, 10,923 acres of pine cover decrease are in the small decrease change class, 6,239 acres are in the moderate decrease change class and 4,205 acres are in the large decrease change class. For pine cover increase within the Stanislaus, 30,511 acres are in the small increase change class, 29,357 acres are in the moderate increase change class and 4,453 acres are in the large increase change class (refer to Table 37).

Figure 8 displays cause of conifer cover change identified by this analysis. Wildfire accounts for most conifer cover change on national forests. The U.S. Forest Service and CDF recorded approximately 80 wildfires during the 1990 to 1995 time interval within the project area. Other important causes of change within national forests include harvesting on the Stanislaus and Sierra, and prescribed fire on the Sierra.

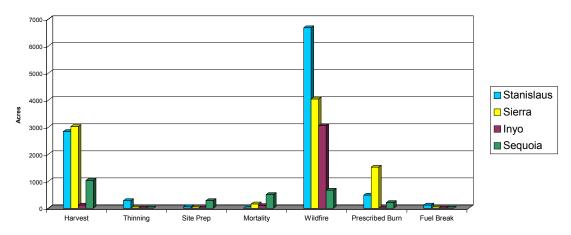


Figure 8. Acres of verified conifer decrease by cause and National forest.

Data Quality

The change data do not have a statistically based accuracy assessment. Approximately 9 percent of the vegetation cover increases and decreases are validated over the entire project area. However, 11 percent of the hardwood cover increases and decreases and 58 percent of the conifer cover increases and decreases on national forest lands are validated. The validation process did not sample areas of little to no change or cloud/shadow, and the vegetation increase classes are not thoroughly sampled.

The amount of detected change represents increases or decreases in hardwood and conifer cover. A detected increase in vegetation cover may not always represent a real or net increase in hardwood or conifer canopy, but rather grass and/or shrub understory growth, seasonal variations (differences in vegetation moisture content), or succession following a disturbance. For example, a fire that occurred in a hardwood cover type during 1990 will appear in 1995 as a detected increase in vegetation. This vegetation increase is most likely shrubs, grasses and hardwood regeneration. The net effect is a decrease in that particular hardwood cover type, although it is detected and reported as an increase.

The results in this report are based on a large area analysis conducted with classification based data. Classifications are not without error (e.g., misclassification of vegetation types and data entry errors); however, they are usually known and are acceptable for large area analysis. Similarly, acreage calculations are based on pixels classified as a particular cover type. For example, pixels may be classified as a certain hardwood cover type, but are actually represented as a mixture of the cover type and another cover type, such as grass. This is a product of hardwood rangeland characteristics and the use of satellite imagery to create the hardwood vegetation layer.

Conclusion

The techniques employed in this project successfully demonstrate the ability to detect various levels of vegetation change in hardwood and coniferous forest environments within a five-year time interval. Analysis of the change data provides information to assess landscape-level changes in vegetation extent and composition. It also provides information on various causes that impact the hardwood and conifer vegetation types within the project area. Continued collaboration between the USFS and CDF will analyze trends and conversion rates in hardwood and conifer land cover as each project area is revisited in the future. The collaborative nature of this project also ensures a seamless coverage of vegetation change across multiple ownerships. Further discussion with agencies, academic institutions, private landowners and other organizations will help prioritize and refine analytical applications and identify opportunities for cooperative arrangements.

Future Developments

Efforts are under way to conduct accuracy assessments on the change detection data in future project areas. The sampling method will use digital aerial photography and ground data to assess change data accuracy. This will result in a better understanding of vegetation canopy change and will determine the error levels associated with each change class.

Several management applications utilizing the change data are currently under investigation. These include vegetation map revision, fire perimeter map updating and timber harvesting plan (THP) evaluation. There is also work in progress to assess the effectiveness of county voluntary guidelines for oak woodland management, and to estimate conifer mortality within national forests.

Vegetation map revision using the change detection data is currently being implemented by CDF in the southern portion of the Sierra Nevada. The purpose of this project is to update existing vegetation maps in areas with substantial change. By overlaying the change data onto the vegetation map, only areas that intersect are revised. This procedure generates a vegetation map that reflects current conditions in a more cost-effective and time-efficient manner than traditional re-mapping of an entire area. This process also results in an assessment tool for determining accurate changes in vegetation extent. By comparing the original vegetation map to the updated vegetation map, it is easy to determine where cover type changes exist.

Incorporating change detection data into CDF's fire history mapping project can enhance the ability to correctly map missing fire perimeters in the hardwood and coniferous vegetation types. To detect fire perimeters, a comparison is made between existing perimeters and the change detection data. Although not identical, there is strong agreement between known fire perimeters and the change data.

This indicates that in areas where there is no fire perimeter in the database or the existing fire perimeter is of questionable accuracy, the change detection data can assist in identifying and delineating a new fire perimeter.

Monitoring THPs and evaluating silvicultural practices with change detection data is also being examined. Preliminary results show that various levels of canopy removal are detectable by the current change detection methodology. For example, clearcuts are detected as large, moderate and small vegetation decreases, and selection harvests as moderate and small vegetation decreases. There is also an agreement between the boundaries of various silvicultural systems and change detection polygons. Clearcut boundaries align most accurately with the change polygon boundaries. Lighter canopy removal boundaries, such as thinnings and selection harvests, do not always align properly with the change polygon boundaries because the vegetation removal is below our threshold to detect change. Further research will enhance the thresholds between change classes and silvicultural practices resulting in a representation of quantitative changes in canopy reduction and growth.

As the landscape and technology continue to change, so will future change detection developments and applications. When the cause of landscape change is evaluated, one issue that comes to the forefront is urbanization. Change detection data can interface with current urbanization models to help predict buildout and to validate the models' predictive ability. As populations in the Sierra foothills and conifer belt continue to grow, so will the need for efficient fuels management and fire protection strategies. Change detection data can provide information for fuels map updating and for monitoring and measuring postfire effects and rehabilitation prescriptions. Higher resolution satellites, which are becoming operational, and other technological advancements will provide greater landscape detail and potentially move satellite-based change detection to a more site-specific level.

Data Availability

All change and cause data are available from the California Department of Forestry and Fire Protection and the U.S. Forest Service. The change detection data are available in ARC/INFO grid and ERDAS Imagine file formats. The cause data are in ARC/INFO vector format. All data are in the Albers projection using the North American Datum of 1927 (NAD27).

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Tables

| LDVC | Large decrease in vegetation cover |
|---------|-------------------------------------------------------------|
| MDVC | Moderate decrease in vegetation cover |
| SDVC | Small decrease in vegetation cover |
| NCH | Little to no change in vegetation cover |
| SIVC | Small increase in vegetation cover |
| MIVC | Moderate increase in vegetation cover |
| LIVC | Large increase in vegetation cover |
| NVG | Non-vegetation change |
| CLD/SHA | Cloud or shadow – obscures ground cover, therefor cannot |
| | Determine whether vegetation has changed or remained stable |
| | Determine whether vegetation has changed or remained stable |

Section 1: Project Area Level

Table 1-1 Acres of Classified Change by Lifeform Type¹

| | Hardwo | od | Conifer | , | Shrul | b | Grass | s | All Lifeforms | | |
|---------|-----------|-----|-----------|----------|-----------|---------|---------|-----|---------------|-----|--|
| | Acres | % | Acres | % | Acres | Acres % | | % | Acres | % | |
| | | | | | | | | | | | |
| LDVC | 3,434 | 0 | 11,619 | 0 | 3,216 | 0 | 1,243 | 0 | 19,512 | 0 | |
| MDVC | 17,388 | 1 | 31,431 | 1 | 9,355 | 0 | 473 | 0 | 58,647 | 0 | |
| SDVC | 49,635 | 2 | 63,014 | 63,014 1 | | 0 | 16,751 | 2 | 139,343 | 1 | |
| NCH | 1,802,941 | 75 | 4,417,222 | 87 | 5,267,322 | 92 | 706,350 | 85 | 12,193,835 | 87 | |
| SIVC | 264,471 | 11 | 162,829 | 3 | 311,400 | 5 | 93,976 | 11 | 832,676 | 6 | |
| MIVC | 55,458 | 2 | 66,597 | 1 | 70,196 | 1 | 6,247 | 1 | 198,498 | 1 | |
| LIVC | 6,582 | 0 | 9,517 | 0 | 21,805 | 0 | 6,068 | 1 | 43,972 | 0 | |
| NVG | 23,975 | 1 | 6,979 | 0 | 21,045 | 0 | 3,086 | 0 | 55,085 | 0 | |
| CLD/SHA | 185,308 | 8 | 316,248 | 6 | 32,393 | 1 | 1,667 | 0 | 535,616 | 4 | |
| TOTAL | 2,409,194 | 100 | 5,085,455 | 100 | 5,746,673 | 100 | 835,861 | 100 | 14,077,183 | 100 | |

¹ Does not include urban, agriculture, barren land, wetlands and water lifeform types.

Table 1-2 Acres of Classified Change by Hardwood Cover Type

| | Blue Oa Woodla | - | Blue O | | Monta Hardwo | | All Hardwoods ¹ | | | |
|---------|-------------------|----------|---------|----------|-----------------|------------|-------------------------------|-----|--------|---|
| | Acres % | | Acres | Acres % | | % | Acres | % | | |
| - | | | | | | | | | | |
| LDVC | 194 | 0 | 404 | 0 | 2,836 | 0 | 3,433 | 0 | | |
| MDVC | 2,695 | 0 | 2,381 | 1 | 12,296 | 1 | 17,371 | 1 | | |
| SDVC | 24,927 | 2 | 5,687 | 1 | 18,988 | 2 | 49,602 | 2 | | |
| NCH | 791,060 | 76 | 294,796 | 73 | 715,931 | 74 | 1,801,788 | 75 | | |
| SIVC | 122,860 | 12 | 52,816 | 13 | 88,709 | 9 | 264,385 | 11 | | |
| MIVC | 27,832 | 3 | 5,880 | 1 | 21,731 | 2 | 55,443 | 2 | | |
| LIVC | 3,425 | 0 | 388 | 0 | 2,768 | 0 | 6,582 | 0 | | |
| NVG | 8,231 | | | 1 | 11,880 | 3 | 3,863 | 0 | 23,974 | 1 |
| CLD/SHA | 55,929 | 55,929 5 | | 28,046 7 | | 101,334 10 | | 8 | | |
| TOTAL | 1,037,153 | 100 | 402,278 | 100 | 968,456 | 100 | 2,407,887 | 100 | | |

¹ Does not include 1,307 acres classified as potential hardwood in the CDF hardwood grid data layer.

Table 1-3 Acres of Classified Change by Conifer Cover Type

| | Ponder Pine | | Jeffre Pine | , | Lodge _l Pind | | Doug Fir | | Sierran Mixed Conifer | | |
|---------|----------------|-----|----------------|-----|----------------------------|-----|-------------|-----|--------------------------|-----|--|
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | |
| | | | | | | | | | | | |
| LDVC | 8,294 | 1 | 53 | 0 | 18 | 0 | 22 | 0 | 2,265 | 0 | |
| MDVC | 12,916 | 2 | 1,466 | 0 | 243 | 0 | 101 | 1 | 12,800 | 1 | |
| SDVC | 21,903 | 3 | 2,512 1 | | 1,258 | 0 | 314 | 3 | 25,895 | 2 | |
| NCH | 577,237 | 72 | 363,841 | 92 | 335,184 | 96 | 6,377 | 69 | 992,956 | 81 | |
| SIVC | 37,506 | 5 | 9,190 | 2 | 5,695 | 2 | 768 | 8 | 46,133 | 4 | |
| MIVC | 27,201 | 3 | 1,535 | 0 | 902 | 0 | 93 | 1 | 22,733 | 2 | |
| LIVC | 2,757 | 0 | 332 | 0 | 71 | 0 | 9 | 0 | 4,054 | 0 | |
| NVG | 1,363 | 0 | 364 0 | | 534 | 0 | 18 | 0 | 1,152 | 0 | |
| CLD/SHA | 115,682 | 14 | 14,360 | 4 | 5,863 | 2 | 1,530 | 17 | 123,150 | 10 | |
| TOTAL | 804,859 | 100 | 393,651 | 100 | 349,769 | 100 | 9,232 | 100 | 1,231,139 | 100 | |

Table 1-3 Acres of Classified Change by Conifer Cover Type (continued)

| | Subalpir Conifer | | White Fir | Red Fir | | Pinyon-Jun | iper | All Conifer | | |
|---------|---------------------|-----|--------------|------------|---------|------------|---------|----------------|-----------|-----|
| | Acres | % | Acres | % | Acres | % | Acres % | | Acres | % |
| | | | | | | | | | | |
| LDVC | 11 | 0 | 111 | 0 | 756 | 0 | 89 | 0 | 11,619 | 0 |
| MDVC | 65 | 0 | 572 | 1 | 1,959 | 0 | 1,310 | 0 | 31,431 | 1 |
| SDVC | 652 | 0 | 2,304 | 4 | 6,873 | 1 | 1,304 | 0 | 63,014 | 1 |
| NCH | 551,043 | 97 | 50,715 | 87 | 683,965 | 89 | 855,905 | 94 | 4,417,222 | 87 |
| SIVC | 4,601 | 1 | 1,908 | 3 | 19,542 | 3 | 37,486 | 4 | 162,829 | 3 |
| MIVC | 1,322 | 0 | 592 | 1 | 6,694 | 1 | 5,525 | 1 | 66,597 | 1 |
| LIVC | 179 | 0 | 177 | 0 | 516 | 0 | 1,423 | 0 | 9,517 | 0 |
| NVG | 2,592 | 0 | 58 | 0 | 728 | 0 | 172 | 0 | 6,979 | 0 |
| CLD/SHA | 5,926 | 1 | 2,157 | 4 | 44,054 | 6 | 3,525 | 0 | 316,248 | 6 |
| TOTAL | 566,390 | 100 | 58,593 | 100 | 765,088 | 100 | 906,784 | 100 | 5,085,455 | 100 |

Table 1-4 Acres of Verified Change by Cause for All Owner Classes

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes ¹ |
|-------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|------------|----------------------------|
| LDVC | 19 | 129 | 441 | 2 | 5,022 | 105 | 30 | 2 | 112 | 0 | 0 | 11 | 17,503 | 23,377 |
| MDVC | 231 | 500 | 4,017 | 132 | 12,335 | 1,005 | 105 | 282 | 420 | 66 | 0 | 206 | 39,716 | 59,013 |
| SDVC | 746 | 1,039 | 5,888 | 726 | 7,460 | 4,071 | 219 | 321 | 1,810 | 184 | 0 | 706 | 129,480 | 152,650 |
| NCH | 0 | 0 | 0 | 0 | 8,209 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,521,971 | 14,530,180 |
| SIVC | 0 | 0 | 129 | 0 | 31,897 | 785 | 0 | 0 | 77 | 0 | 2,586 | 7 | 930,304 | 965,787 |
| MIVC | 417 | 22 | 143 | 0 | 37,787 | 0 | 0 | 0 | 124 | 0 | 6,879 | 279 | 143,058 | 188,707 |
| LIVC | 17 | 0 | 0 | 0 | 3,929 | 5 | 0 | 0 | 13 | 0 | 1,519 | 10 | 41,551 | 47,044 |
| NVG | 0 | 0 | 1 | 0 | 9,828 | 121 | 0 | 0 | 80 | 0 | 389 | 58 | 189,749 | 200,226 |
| CLD/S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 548,483 | 548,483 |
| HA | | | | | | | | | | | | | | |
| TOTAL | 1,429 | 1,690 | 10,619 | 860 | 116,467 | 6,091 | 355 | 606 | 2,634 | 249 | 11,372 | 1,277 | 16,561,815 | 16,715,467 |

¹ The 'All Causes' category is the total amount of classified change for all lifeform types.

Table 1-5 Acres of Classified Change by Lifeform Type and Owner Class

| | National Forest Other Public | | | | | | | | | Private | | | | | | All Owners | | | | | | | | |
|---------|------------------------------|-----|-----------|-----|-----------|-----|---------|-----|-----------|---------|-----------|-----|-----------|-----|---------|------------|---------|-----|-----------|-----|-----------|-----|-----------|-----|
| | Hardwo | od | Conife | r | Shrub | | Hardwo | ood | Conife | - | Shrub | | Hardwoo | ıd¹ | Conife | er | Shrut |) | Hardwoo | od | Conife | r | Shrub | |
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| LDVC | 667 | 0 | 6,094 | 0 | 119 | 0 | 366 | 0 | 760 | 0 | 2,229 | 0 | 2,400 | 0 | 4,766 | 1 | 868 | 0 | 3,433 | 0 | 11,619 | 0 | 3,216 | 0 |
| MDVC | 5,527 | 1 | 16,767 | 1 | 1,234 | 0 | 1,805 | 1 | 5,459 | 0 | 6,226 | 0 | 10,040 | 1 | 9,204 | 2 | 1,895 | 0 | 17,372 | 1 | 31,431 | 1 | 9,355 | 0 |
| SDVC | 13,458 | 2 | 34,933 | 1 | 3,131 | 0 | 4,341 | 2 | 11,415 | 1 | 4,475 | 0 | 31,804 | 2 | 16,666 | 3 | 2,337 | 1 | 49,603 | 2 | 63,014 | 1 | 9,943 | 0 |
| NCH | 557,876 | 72 | 2,665,397 | 87 | 986,144 | 85 | 210,087 | 73 | 1,372,066 | 90 | 3,894,155 | 94 | 1,033,824 | 77 | 379,759 | 75 | 387,023 | 85 | 1,801,787 | 75 | 4,417,222 | 87 | 5,267,322 | 92 |
| SIVC | 80,252 | 10 | 92,816 | 3 | 96,155 | 8 | 18,170 | 6 | 37,307 | 2 | 179,384 | 4 | 165,963 | 12 | 32,706 | 6 | 35,861 | 8 | 264,385 | 11 | 162,829 | 3 | 311,400 | 5 |
| MIVC | 37,163 | 5 | 46,683 | 2 | 34,880 | 3 | 5,462 | 2 | 12,968 | 1 | 26,698 | 1 | 12,819 | 1 | 6,945 | 1 | 8,618 | 2 | 55,444 | 2 | 66,597 | 1 | 70,196 | 1 |
| LIVC | 3,434 | 0 | 5,612 | 0 | 3,651 | 0 | 1,210 | 0 | 3,008 | 0 | 12,571 | 0 | 1,938 | 0 | 897 | 0 | 5,583 | 1 | 6,582 | 0 | 9,517 | 0 | 21,805 | 0 |
| NVG | 2,997 | 0 | 3,213 | 0 | 15,247 | 1 | 10,171 | 4 | 3,024 | 0 | 3,456 | 0 | 10,806 | 1 | 742 | 0 | 2,342 | 1 | 23,974 | 1 | 6,979 | 0 | 21,045 | 0 |
| CLD/SHA | 78,029 | 10 | 187,856 | 6 | 13,584 | 1 | 34,711 | 12 | 72,517 | 5 | 7,565 | 0 | 72,572 | 6 | 55,875 | 11 | 11,244 | 2 | 185,308 | 8 | 316,248 | 6 | 32,393 | 1 |
| TOTAL | 779,403 | 100 | 3,059,371 | 100 | 1,154,143 | 100 | 286,324 | 100 | 1,518,525 | 100 | 4,136,760 | 100 | 1,342,166 | 100 | 507,559 | 100 | 455,770 | 100 | 2,407,887 | 100 | 5,085,455 | 100 | 5,746,673 | 100 |

¹ Does not include 1,307 acres classified as potential hardwood in the CDF hardwood grid data layer.

Table 1-6 Acres of Classified Change by Hardwood Cover Type and Owner Class

| | Nationa Fores | | Other Public | | Private ¹ | | All Owners | |
|--------------------------|------------------|-----|-----------------|-----|----------------------|-----|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 17 | 0 | 9 | 0 | 168 | 0 | 194 | 0 |
| MDVC | 1,016 | 0 | 80 | 0 | 1,600 | 0 | 2,696 | 0 |
| SDVC | 3,573 | 1 | 555 | 1 | 20,800 | 3 | 24,928 | 2 |
| NCH | 154,824 | 64 | 67,140 | 82 | 569,096 | 80 | 791,060 | 76 |
| SIVC | 40,222 | 17 | 6,744 | 8 | 75,894 | 11 | 122,860 | 12 |
| MIVC | 22,110 | 9 | 1,109 | 1 | 4,614 | 1 | 27,833 | 3 |
| LIVC | 2,097 | 1 | 125 | 0 | 1,203 | 0 | 3,425 | 0 |
| NVG | 1,726 | 1 | 532 | 1 | 5,973 | 1 | 8,231 | 1 |
| CLD/SHA | 15,473 | 6 | 5,646 | 7 | 34,810 | 5 | 55,929 | 5 |
| TOTAL | 241,058 | 100 | 81,940 | 100 | 714,158 | 100 | 1,037,156 | 100 |
| Blue Oak / Foothill Pine | | | | | | | | |
| LDVC | 52 | 0 | 157 | 0 | 194 | 0 | 403 | 0 |
| MDVC | 267 | 1 | 1,007 | 1 | 1.107 | 0 | 2,381 | 1 |
| SDVC | 346 | 1 | 2,351 | 2 | 2,990 | 1 | 5,687 | 1 |
| NCH | 22,139 | 62 | 74,218 | 71 | 198,438 | 75 | 294,795 | 73 |
| SIVC | 3,057 | 9 | 6,654 | 6 | 43,104 | 16 | 52,815 | 13 |
| MIVC | 1,337 | 4 | 1,789 | 2 | 2,754 | 1 | 5,880 | 1 |
| LIVC | 76 | 0 | 120 | 0 | 192 | 0 | 388 | 0 |
| NVG | 148 | 0 | 9,267 | 9 | 2,465 | 1 | 11,880 | 3 |
| CLD/SHA | 8,095 | 23 | 8,255 | 8 | 11,696 | 4 | 28,046 | 7 |
| TOTAL | 35,517 | 100 | 103,818 | 100 | 262,940 | 100 | 402,275 | 100 |
| | | | | | | | | |
| Montane Hardwoods | | | | | | | | |
| LDVC | 597 | 0 | 201 | 0 | 2,038 | 0 | 2,836 | 0 |
| MDVC | 4,244 | 1 | 719 | 1 | 7,333 | 2 | 12,296 | 1 |
| SDVC | 9,539 | 2 | 1,435 | 1 | 8,014 | 2 | 18,988 | 2 |
| NCH_ | 380,912 | 85 | 68,728 | 68 | 266,302 | 64 | 715,942 | 74 |
| SIVC | 36,972 | 8 | 4,772 | 5 | 46,965 | 11 | 88,709 | 9 |
| MIVC | 13,717 | 3 | 2,564 | 3 | 5,450 | 1 | 21,731 | 2 |
| LIVC | 1,260 | 0 | 964 | 1 | 544 | 0 | 2,768 | 0 |
| NVG | 1,124 | 0 | 372 | 0 | 2,368 | 1 | 3,864 | 0 |
| CLD/SHA | 54,463 | 0 | 20,811 | 21 | 26,052 | 19 | 101,326 | 10 |
| TOTAL | 502,828 | 100 | 100,566 | 100 | 365,066 | 100 | 968,460 | 100 |
| TOTAL | 779,403 | | 286,324 | | 1,342,164 | | 2,407,887 | |

¹ Does not include 1307 acres classified as potential hardwood in the CDF hardwood grid data layer.

Table 1-7 Acres of Classified Change by Conifer Cover Type and Owner Class

| Acres W | | Nation Fores | | Other Public | | Private | € | All Owners | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|-----|-----------------|-----|---------|-----|---------------|-----|
| LDVC | | Acres | % | Acres | % | Acres | % | Acres | % |
| MDVC | Ponderosa Pine | | | | | | | | |
| SDVC | LDVC | 3,321 | 1 | 711 | 1 | 4,262 | 2 | 8,294 | |
| NCH | MDVC | 4,474 | 1 | 971 | 1 | 7,471 | 3 | 12,916 | 2 |
| SIVC | SDVC | | 3 | | 1 | | | | 3 |
| MIVC | NCH | 291,870 | 74 | 103,330 | 75 | 182,037 | 69 | 577,237 | |
| MIVC | SIVC | 20,130 | | 3,142 | 2 | 14,234 | | 37,506 | 5 |
| NVG | MIVC | 19,184 | 5 | 3,553 | 3 | 4,464 | 2 | 27,201 | 3 |
| CLD/SHA | LIVC | 1,294 | 0 | 1,012 | 1 | 451 | 0 | 2,757 | 0 |
| CLD/SHA | NVG | 795 | 0 | 182 | 0 | 386 | 0 | | 0 |
| TOTAL | CLD/SHA | 49,984 | 11 | 23,343 | 17 | 42,355 | 16 | 115,682 | 14 |
| LDVC | TOTAL | 401,436 | 100 | 137,911 | 100 | 265,512 | 100 | 804,859 | 100 |
| LDVC | Jeffrey Pine | | | | | | | | |
| MDVC | | 8 | 0 | 1 | 0 | 43 | 0 | 53 | 0 |
| SDVC | | | | | | | | | |
| NCH | | | | | | | | | |
| SIVC 3.125 1 2.373 2 3.692 10 9.190 2 | | | _ | | | | | | |
| MIVC | | | | | | | | | |
| LIVC | | | | | | | | | |
| NVG | | | | | | | | | |
| CLD/SHA | | | | | | | | | |
| TOTAL | | | | | | | | | |
| Lodgepole Pine | | | | • | | | | | |
| LDVC | TOTAL | 249,909 | 100 | 100,200 | 100 | 33,462 | 100 | 393,051 | 100 |
| LDVC | Lodgepole Pine | | | | | | | | |
| MDVC | | 18 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| SDVC | MDVC | | 0 | 208 | 0 | 0 | 0 | | |
| NCH | | | | | | 13 | | | |
| SIVC 3,612 3 1,744 1 339 14 5,695 2 MIVC 401 0 425 0 76 3 902 0 1 UC 23 0 0 0 0 48 2 71 0 0 0 0 0 0 0 0 0 | | | 95 | 199.479 | 96 | | 80 | | |
| MIVC 401 0 425 0 76 3 902 0 LIVC 23 0 0 0 48 2 71 0 NVG 131 0 402 0 1 0 534 0 CLD/SHA 1,846 1 3,992 2 25 1 5,863 2 TOTAL 140,197 100 207,089 100 2,483 100 349,769 100 Douglas Fir Interpretation of the control of the | | | | | | | | | |
| LIVC | | | | 425 | 0 | | 3 | | |
| NVG | | | 0 | | 0 | | | | |
| CLD/SHA 1,846 1 3,992 2 25 1 5,863 2 TOTAL 140,197 100 207,089 100 2,483 100 349,769 100 Douglas Fir LDVC 0 0 0 0 22 0 22 0 MDVC 0 6 0 96 1 101 1 SDVC 0 18 1 297 4 314 3 NCH 0 842 68 5,535 69 6,377 69 SIVC 0 37 3 731 9 768 8 MIVC 0 1 0 93 1 93 1 LIVC 0 0 0 0 9 0 9 0 NVG 0 0 0 0 18 0 18 0 CLD/SHA 0 329 27 <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | 0 | | | | | | |
| TOTAL 140,197 100 207,089 100 2,483 100 349,769 100 Douglas Fir LDVC 0 0 0 22 0 22 0 MDVC 0 6 0 96 1 101 1 SDVC 0 18 1 297 4 314 3 NCH 0 842 68 5,535 69 6,377 69 SIVC 0 37 3 731 9 768 8 MIVC 0 1 0 93 1 93 1 LIVC 0 0 0 0 9 0 9 0 NVG 0 0 0 0 18 0 18 0 CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 | | | | 3.992 | | 25 | | | |
| LDVC | | | 100 | | | | 100 | | |
| LDVC | Douglas Fir | | | | | | | | |
| MDVC 0 6 0 96 1 101 1 SDVC 0 18 1 297 4 314 3 NCH 0 842 68 5,535 69 6,377 69 SIVC 0 37 3 731 9 768 8 MIVC 0 1 0 93 1 93 1 LIVC 0 0 0 9 0 9 0 9 0 NVG 0 0 0 18 0 18 0 18 0 CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10, | | 0 | | 0 | 0 | 22 | 0 | 22 | |
| SDVC 0 18 1 297 4 314 3 NCH 0 842 68 5,535 69 6,377 69 SIVC 0 37 3 731 9 768 8 MIVC 0 1 0 93 1 93 1 LIVC 0 0 0 0 9 0 9 0 NVG 0 0 0 0 18 0 18 0 CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> | | | | | _ | | | | |
| NCH 0 842 68 5,535 69 6,377 69 SIVC 0 37 3 731 9 768 8 MIVC 0 1 0 93 1 93 1 LIVC 0 0 0 0 9 0 9 0 NVG 0 0 0 0 18 0 18 0 CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 | | | | | | | | | |
| SIVC 0 37 3 731 9 768 8 MIVC 0 1 0 93 1 93 1 LIVC 0 0 0 0 9 0 9 0 NVG 0 0 0 18 0 18 0 CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<> | | | | | | | | | |
| MIVC 0 1 0 93 1 93 1 LIVC 0 0 0 0 9 0 9 0 NVG 0 0 0 18 0 18 0 CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 | | | | | | | | | |
| LIVC 0 0 0 9 0 9 0 NVG 0 0 0 18 0 18 0 CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22 | | | | | | | | | 1 |
| NVG 0 0 18 0 18 0 CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 | | | | | | | | | |
| CLD/SHA 0 329 27 1,201 15 1,530 17 TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | | |
| TOTAL 0 0 1,233 100 8,002 100 9,232 100 Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,87 | | | | | | | | | |
| Sierran Mixed Conifer LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | | 0 | | | | | | |
| LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | TOTAL | 0 | U | 1,233 | 100 | 0,002 | 100 | 9,232 | 100 |
| LDVC 2,040 0 0 0 225 0 2,265 0 MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | Sierran Mixed Conifer | | | | | | | | |
| MDVC 10,294 1 1,665 1 841 1 12,800 1 SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | 2,040 | 0 | 0 | 0 | 225 | 0 | 2,265 | 0 |
| SDVC 19,973 2 2,273 1 3,649 5 25,895 2 NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | | | | | | | | |
| NCH 809,821 81 125,637 80 57,498 79 992,956 81 SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | | | | | | | | |
| SIVC 42,455 4 1,581 1 2,098 3 46,133 4 MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | | | | | | | | |
| MIVC 21,101 2 1,026 1 606 1 22,733 2 LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | | | | | | | | |
| LIVC 3,670 0 347 0 37 0 4,054 0 NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | | | | | | | | |
| NVG 920 0 111 0 120 0 1,152 0 CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | | | | | | | | |
| CLD/SHA 90,709 9 24,877 16 7,564 10 123,150 10 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Table 1-7 Acres of Classified Change by Conifer Cover Type and Owner Class (Continued)

| | Nation Fores | | Other Public | | Private | е | All Owners | |
|-------------------|-----------------|-----|-----------------|-----|---------|-----|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Subalpine Conifer | | | | | | | | |
| LDVC | 6 | 0 | 5 | 0 | 0 | 0 | 11 | 0 |
| MDVC | 44 | 0 | 21 | 0 | 0 | 0 | 65 | 0 |
| SDVC | 547 | 0 | 94 | 0 | 11 | 0 | 652 | 0 |
| NCH | 367,708 | 97 | 180,937 | 97 | 2,398 | 92 | 551,043 | 97 |
| SIVC | 3,168 | 1 | 1,322 | 1 | 112 | 4 | 4,601 | 1 |
| MIVC | 859 | 0 | 430 | 0 | 33 | 1 | 1,322 | 0 |
| LIVC | 177 | 0 | 0 | 0 | 2 | 0 | 179 | 0 |
| NVG | 1,053 | 0 | 1,528 | 1 | 10 | 0 | 2,592 | 0 |
| CLD/SHA | 3,847 | 1 | 2,026 | 1 | 53 | 2 | 5,926 | 1 |
| TOTAL | 377,408 | 100 | 186,363 | 100 | 2,619 | 100 | 566,390 | 100 |
| White Fir | | | | | | | | |
| LDVC | 0 | | 0 | 0 | 111 | 0 | 111 | 0 |
| MDVC | 0 | | 25 | 0 | 547 | 1 | 572 | 1 |
| SDVC | 0 | | 668 | 3 | 1,635 | 4 | 2,304 | 4 |
| NCH | 0 | | 17,603 | 91 | 33,111 | 84 | 50,715 | 87 |
| SIVC | 0 | | 43 | 0 | 1,866 | 5 | 1,908 | 3 |
| MIVC | 0 | | 341 | 2 | 250 | 1 | 592 | 1 |
| LIVC | 0 | | 145 | 1 | 31 | 0 | 177 | 0 |
| NVG | 0 | | 13 | 0 | 46 | 0 | 58 | 0 |
| CLD/SHA | 0 | | 499 | 3 | 1,659 | 4 | 2.157 | 4 |
| TOTAL | 0 | 0 | 19,337 | 100 | 39,256 | 100 | 58,593 | 100 |
| Red Fir | | | | | | | | |
| LDVC | 697 | 0 | 35 | 0 | 24 | 0 | 756 | 0 |
| MDVC | 1,193 | 0 | 742 | 0 | 24 | 0 | 1,959 | 0 |
| SDVC | 2,687 | 1 | 3,909 | 1 | 277 | 3 | 6,873 | 1 |
| NCH | 418,384 | 90 | 256,787 | 89 | 8,794 | 82 | 683,965 | 89 |
| SIVC | 11,469 | 2 | 7,280 | 3 | 793 | 7 | 19,542 | 3 |
| MIVC | 2,526 | 1 | 4,020 | 1 | 147 | 1 | 6,694 | 1 |
| LIVC | 53 | 0 | 461 | 0 | 2 | 0 | 516 | 0 |
| NVG | 218 | 0 | 488 | 0 | 22 | 0 | 728 | 0 |
| CLD/SHA | 28,664 | 6 | 14,803 | 5 | 587 | 6 | 44,054 | 6 |
| TOTAL | 465,891 | 100 | 288,525 | 100 | 10,670 | 100 | 765,088 | 100 |
| Pinyon – Juniper | | | | | | | | |
| LDVC | 4 | 0 | 8 | 0 | 77 | 0 | 89 | 0 |
| MDVC | 345 | 0 | 857 | 0 | 108 | 0 | 1,310 | 0 |
| SDVC | 105 | 0 | 740 | 0 | 459 | 1 | 1,304 | 0 |
| NCH | 410,315 | 97 | 386,506 | 94 | 59,084 | 83 | 855,905 | 94 |
| SIVC | 8,857 | 2 | 19,786 | 5 | 8,843 | 12 | 37,486 | 4 |
| MIVC | 2,265 | 1 | 2,287 | 1 | 974 | 1 | 5,525 | 1 |
| LIVC | 332 | 0 | 867 | 0 | 224 | 0 | 1,423 | 0 |
| NVG | 36 | 0 | 70 | 0 | 66 | 0 | 172 | 0 |
| CLD/SHA | 1,287 | 0 | 1,173 | 0 | 1,065 | 2 | 3,525 | 0 |
| TOTAL | 423,546 | 100 | 412,294 | 100 | 70,900 | 100 | 906,784 | 100 |
| TOTAL | 3,059,371 | | 1,518,525 | | 507,559 | | 5,085,455 | |

Table 1-8 Acres of Verified Hardwood Change by Cause and Owner Class

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|---------------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|-----------|---------------|
| National Forest ¹ | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 667 | 667 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,527 | 5,527 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,458 | 13,458 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 557,876 | 557,876 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80,252 | 80,252 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37,163 | 37,163 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,434 | 3,434 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,997 | 2,997 |
| CLD/SH A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78,029 | 78,029 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 779,403 | 779,403 |
| Other Public ¹ | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 366 | 366 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,805 | 1,805 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,341 | 4,341 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210,087 | 210,087 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18,170 | 18,170 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,462 | 5,462 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,210 | 1,210 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,171 | 10,171 |
| CLD/SH A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34,711 | 34,711 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 286,324 | 286,324 |
| Private | | | | | | | | | | | | | | |
| LDVC | 17 | 129 | 98 | 2 | 1,604 | 76 | 30 | 3 | 82 | 0 | 0 | 3 | 356 | 2,400 |
| MDVC | 81 | 500 | 1,725 | 40 | 7,923 | 646 | 98 | 3 | 304 | 0 | 0 | 201 | 19 | 10,040 |
| SDVC | 600 | 1,026 | 2,682 | 316 | 4,725 | 2,603 | 146 | 42 | 1,609 | 0 | 0 | 675 | 17,380 | 31,804 |
| NCH | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 | 0 | 0 | 2 | 1,033,611 | 1,033,824 |
| SIVC | 417 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 165 | 0 | 7,348 | 263 | 157,748 | 165,963 |
| MIVC | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 2,768 | 4 | 10,013 | 12,819 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 889 | 57 | 989 | 1,938 |
| NVG | 0 | 0 | 0 | 0 | 1,095 | 121 | 0 | 0 | 120 | 0 | 0 | 7 | 9,463 | 10,806 |
| CLD/SH A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72,572 | 72,572 |
| TOTAL | 1,214 | 1,678 | 4,505 | 358 | 15,347 | 3,446 | 274 | 48 | 2,428 | 0 | 11,005 | 1,212 | 1,302,151 | 1,342,166 |
| TOTAL | 1,214 | 1,678 | 4,505 | 358 | 15,347 | 3,446 | 273 | 46 | 2,428 | 0 | 11,005 | 1,212 | 2,367,878 | 2,407,887 |

¹ No verification data obtained for hardwood on National Forest and other public ownerships.

Table 1-9 Acres of Verified Conifer Change by Cause and Owner Class

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|------------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|-----------|---------------|
| National | | | | | | | | | | | | | | |
| Forest | | | | | | | | | | | | | | |
| LDVC | 2 | 0 | 295 | 0 | 2,953 | 29 | 0 | 0 | 2 | 0 | 0 | 6 | 2,807 | 6,094 |
| MDVC | 15 | 0 | 2,014 | 92 | 5,645 | 358 | 8 | 279 | 0 | 66 | 0 | 2 | 8,288 | 16,767 |
| SDVC | 186 | 0 | 2,515 | 410 | 2,398 | 1,467 | 73 | 281 | 61 | 184 | 0 | 19 | 27,339 | 34,933 |
| NCH | 0 | 0 | 0 | 0 | 2,541 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,662,856 | 2,665,397 |
| SIVC | 0 | 0 | 121 | 0 | 30,373 | 785 | 0 | 0 | 0 | 0 | 36 | 7 | 61,494 | 92,816 |
| MIVC | 0 | 0 | 143 | 0 | 33,664 | 0 | 0 | 0 | 0 | 0 | 20 | 16 | 12,840 | 46,683 |
| LIVC | 0 | 0 | 0 | 0 | 4,527 | 5 | 0 | 0 | 0 | 0 | 13 | 0 | 1,067 | 5,612 |
| NVG | 0 | 0 | 1 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,185 | 3,213 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187,856 | 187,856 |
| TOTAL | 203 | 0 | 5,088 | 502 | 82,128 | 2,645 | 82 | 560 | 63 | 249 | 69 | 50 | 2,967,732 | 3,059,371 |
| Other Public ¹ | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 760 | 760 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,459 | 5,459 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,415 | 11,415 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,372,066 | 1,372,066 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37,307 | 37,307 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,968 | 12,968 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,008 | 3,008 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,024 | 3,024 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72,517 | 72,517 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,518,525 | 1,518,525 |
| Private | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 48 | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,672 | 4,766 |
| MDVC | 0 | 0 | 276 | 0 | 652 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,276 | 9,204 |
| SDVC | 14 | 0 | 674 | 0 | 274 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,704 | 16,666 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 379,759 | 379,759 |
| SIVC | 0 | 0 | 8 | 0 | 5,668 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27,030 | 32,706 |
| MIVC | 0 | 0 | 0 | 0 | 1,524 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,421 | 6,945 |
| LIVC | 0 | 0 | 0 | 0 | 897 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 897 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 742 | 742 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55,875 | 55,875 |
| TOTAL | 14 | 0 | 1,006 | 0 | 9,061 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 497,477 | 507,559 |
| TOTALS | 217 | 0 | 6,095 | 502 | 91,189 | 2,645 | 82 | 560 | 63 | 249 | 69 | 50 | 4,983,734 | 5,085,455 |

¹ No verification data obtained for conifer on other public ownerships.

Section 2: County Level

Note: The 'All Owners' category does not total the entire county acreage because urban, agriculture, barren land, wetlands, water and grass lifeforms are not included, and the project area boundary does not always cover the entire county (see Figure 2).

Table 2-1 Acres of Classified Change in Alpine County by Lifeform Type and Owner Class

| | | N | ational | For | est | | | | Other | Publ | ic | | | | Priva | ate | | | | | All Ov | vnei | rs | |
|---------|-------|-----|---------|---------------|--------|-----|-------|-----|--------|------|--------|-----|-------|-----|--------|-----|--------|-----|-------|-----|--------|------|--------|-----|
| | Hardw | ood | Conife | er | Shru | b | Hardw | ood | Conit | er | Shrub | | Hardw | ood | Conife | er | Shrut |) | Hardw | ood | Conife | er | Shru | ıb |
| | Acres | % | Acres | Acres % Acres | | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| LDVC | 0 | | 18 | 0 | 144 | 0 | 0 | | 1 | 0 | 27 | 0 | 0 | | 21 | 0 | 57 | 0 | 0 | | 40 | 0 | 228 | 0 |
| MDVC | 0 | | 66 | 0 | 75 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | | 34 | 0 | 40 | 0 | 0 | | 103 | 0 | 115 | 0 |
| SDVC | 0 | | 375 | 1 | 1,132 | 2 | 0 | | 77 | 1 | 136 | 1 | 0 | | 363 | 2 | 61 | 1 | 0 | | 815 | 1 | 1,329 | 2 |
| NCH | 0 | | 61,929 | 90 | 35,576 | 77 | 0 | | 11,643 | 85 | 8,234 | 75 | 0 | | 11,632 | 78 | 6,797 | 59 | 0 | | 85,204 | 88 | 50,606 | 74 |
| SIVC | 0 | | 3,609 | 5 | 7,698 | 17 | 0 | | 1,753 | 13 | 2,243 | 20 | 0 | | 2,344 | 16 | 3,362 | 29 | 0 | | 7,706 | 8 | 13,303 | 19 |
| MIVC | 0 | | 247 | 0 | 399 | 1 | 0 | | 114 | 1 | 184 | 2 | 0 | | 261 | 2 | 989 | 9 | 0 | | 621 | 1 | 1,572 | 2 |
| LIVC | 0 | | 2 | 0 | 28 | 0 | 0 | | 10 | 0 | | 0 | 0 | | 6 | 0 | 90 | 1 | 0 | | 18 | 0 | 118 | 0 |
| NVG | 0 | | 126 | 0 | 189 | 0 | 0 | | 4 | 0 | 40 | 0 | 0 | | 15 | 0 | 2 | 0 | 0 | | 145 | 0 | 231 | 0 |
| CLD/SHA | 0 | | 2,399 | 3 | 1,187 | 3 | 0 | | 50 | 0 | 88 | 1 | 0 | | 190 | 1 | 52 | 0 | 0 | | 2,638 | 3 | 1,327 | 2 |
| TOTAL | 0 | 0 | 68,770 | 100 | 46,427 | 100 | 0 | 0 | 13,655 | 100 | 10,952 | 100 | 0 | 0 | 14,864 | 100 | 11,450 | 100 | 0 | 0 | 97,289 | 100 | 68,829 | 100 |

Table 2-2 Acres of Classified Change in Calaveras County by Lifeform Type and Owner Class

| | | Na | ational | Fore | st | | | 0 | ther P | ubli | С | | | | Priva | ite | | | | P | All Own | ers | | |
|---------|-----------------------------|----|---------|------|-------|----|--------|-----|--------|------|--------|-----|---------|-----|---------|-----|--------|-----|---------|-----|---------|-----|--------|----------|
| | Hardwo | od | Conif | er | Shru | qr | Hardwo | bod | Conif | er | Shrub | | Hardwo | ood | Conife | er | Shrut | 0 | Hardwo | ood | Conife | er | Shrub | <u> </u> |
| | Acres % Acres % | | | | | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| LDVC | 276 | 2 | 1,464 | 1 | 0 | 0 | 289 | 1 | 621 | 4 | 282 | 3 | 2,077 | 1 | 3.575 | 2 | 530 | 2 | 2.642 | 1 | 5.660 | 2 | 812 | 2 |
| MDVC | 83 | 1 | 2,140 | 2 | 7 | 0 | 727 | 3 | 553 | 4 | 414 | 4 | 5,709 | 3 | 5,700 | 4 | 554 | 2 | 6,519 | 3 | 8,393 | 3 | 975 | 3 |
| SDVC | 90 | 1 | 4,363 | 4 | 36 | 1 | 513 | 2 | 323 | 2 | 394 | 4 | 3,918 | 2 | 5,807 | 4 | 635 | 3 | 4,521 | 2 | 10,493 | 4 | 1,065 | 3 |
| NCH | 4,405 | 36 | 94,096 | 78 | 2,045 | 65 | 17,354 | 63 | 8,828 | 59 | 7,873 | 71 | 173,834 | 81 | 101,951 | 67 | 17,899 | 76 | 195,593 | 77 | 204,875 | 71 | 27,817 | 74 |
| SIVC | 852 | 7 | 5,770 | 5 | 319 | 10 | 1,151 | 4 | 733 | 5 | 383 | 3 | 8,491 | 4 | 7,405 | 5 | 819 | 3 | 10,494 | 4 | 13,908 | 5 | -, | 4 |
| MIVC | 218 | 2 | 671 | 1 | 153 | 5 | 693 | 2 | 311 | 2 | 451 | 4 | 3,278 | 2 | 2,215 | 1 | 688 | 3 | 4,189 | 2 | 3,197 | 1 | 1,292 | 3 |
| LIVC | 3 | 0 | 76 | 0 | | 0 | 67 | 0 | 59 | 0 | 2 | 0 | 175 | 0 | 384 | 0 | 73 | 0 | 245 | 0 | 518 | 0 | 76 | 0 |
| NVG | 7 0 86 0 73 | | | | | 2 | 3,236 | 12 | 37 | 0 | 299 | 3 | 1,724 | 1 | 122 | 0 | 299 | 1 | 4,967 | 2 | 245 | 0 | 670 | 2 |
| CLD/SHA | 6,221 51 11,747 10 512 | | | | 512 | 16 | 3,691 | 13 | 3,446 | 23 | 967 | 9 | 14,631 | 7 | 26,113 | 17 | 2,065 | 9 | 24,543 | 10 | 41,306 | 14 | 3,543 | 9 |
| TOTAL | 12,155 100 120,413 100 3,14 | | | | | | 27,721 | 100 | 14,909 | 100 | 11,065 | 100 | 213,837 | 100 | 153,271 | 100 | 23,562 | 100 | 253,713 | 100 | 288,594 | 100 | 37,771 | 100 |

¹ Does not include 1,307 acres classified as potential hardwood in the CDF hardwood grid data layer.

Table 2-3 Acres of Classified Change in Fresno County by Lifeform Type and Owner Class

| | | Na | ational | For | est | | | | Other | Pub | lic | | | | Privat | te | | | | | All Own | ers | | |
|---------|---------|---------|---------|---------------------------------|--------|-------|-------|---------------|---------|--------|--------|---------|---------|--------|--------|-------|------|---------|---------|---------|---------|--------|--------|----|
| | Hardwo | ood | Conife | er | Shru | b | Hardw | ood/ | Conif | er | Shrub | | Hardwo | ood | Conife | er | Shri | ıb | Hardwo | ood | Conifer | | Shrub | , |
| | Acres | % | Acres | % Acres % Acres % Acres % Acres | | | | | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 2,550 | 1 | 3,295 | 0 | 94 | 0 | 0 | 0 | 427 | 0 | 9 | 0 | 37 | 0 | 267 | 1 | 0 | 0 | 2,587 | 1 | 3,989 | 0 | 103 | 0 |
| SDVC | 8,348 | 3 | 12,830 | 2 | 704 | 2 | 76 | 1 | 2,319 | 2 | 383 | 2 | 3,746 | 2 | 3,890 | 8 | 2 | 0 | 12,170 | 3 | 19,039 | 2 | 1,089 | 2 |
| NCH | 211,905 | 72 | 622,948 | 93 | 20,606 | 64 | 3,454 | 54 | 137,295 | 91 | 16,016 | 91 | 106,638 | 58 | 39,127 | 83 | 689 | 52 | 321,997 | 67 | 799,370 | 92 | 37,311 | 73 |
| SIVC | 39,454 | 13 | 12,097 | 2 | 8,315 | 26 | 2,193 | 34 | 5,434 | 4 | 634 | 4 | 61,019 | 33 | 1,887 | 4 | 592 | 45 | 102,666 | 21 | 19,418 | 2 | 9,542 | 19 |
| MIVC | 8,358 | 3 | 4,290 | 1 | 972 | 3 | 61 | 1 | 2,966 | 2 | 355 | 2 | 538 | 0 | 402 | 1 | 9 | 1 | 8,957 | 2 | 7,658 | 1 | 1,336 | 3 |
| LIVC | 1,303 | 0 | 240 | 0 | 663 | 2 | 18 | 0 | 377 | 0 | | 0 | 460 | 0 | | 0 | 3 | 0 | 1,782 | 0 | 617 | 0 | 666 | 1 |
| NVG | 2,296 | 1 | 692 | 0 | 196 | 1 | 223 | 3 | | | 94 | 1 | 2,200 | 1 | 152 | 0 | 4 | 0 | 4,718 | 1 | 1,202 | 0 | 293 | 1 |
| CLD/SHA | 20,239 | 7 | 14,042 | 2 | 888 | 3 | 401 | 401 6 2,311 2 | | | | 1 | 8,184 | 4 | 1,648 | 3 | 14 | 1 | 28,824 | 6 | 18,001 | 2 | 991 | 2 |
| TOTAL | 294,454 | 670,433 | 100 | 32,438 | 100 | 6,426 | 100 | 151,486 | 100 | 17,580 | 100 | 182,823 | 100 | 47,373 | 100 | 1,313 | 100 | 483,702 | 100 | 869,292 | 100 | 51,331 | 100 | |

Table 2-4 Acres of Classified Change in Inyo County by Lifeform Type and Owner Class

| | | - | Nationa | l Fo | rest | | | | Other | Pub | olic | | | | Pri | vate | ! | | | | All O | wne | rs | |
|---------|-----------------------|---------------|---------|------|---------|-----|-------|------|---------|-------|-----------|-----|-------|-------|-------|------|--------|-----|-------|------|---------|-----|-----------|-----|
| | Hardwo | od | Conife | r | Shru | ıb | Hardw | rood | Co | nifer | Shru | b | Hardw | ood (| Coni | fer | Shru | ıb | Hardw | /ood | Conife | er | Shrub | |
| | Acres % Acres % Acres | | | | | | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| LDVC | 0 | | 4 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 1,744 | 0 | 0 | | 0 | 0 | 136 | 0 | 7 | 0 | 4 | 0 | 1,880 | 0 |
| MDVC | 0 | | 259 | 0 | 465 | 0 | 0 | 0 | 723 | 0 | 4,816 | 0 | 0 | | 21 | 1 | 327 | 1 | 0 | 0 | 1,002 | 0 | 5,608 | 0 |
| SDVC | 0 | | 0 | 0 | 1 | 0 | 34 | 2 | 0 | 0 | 2,091 | 0 | 0 | | 0 | 0 | 65 | 0 | 34 | 2 | 0 | 0 | 2,157 | 0 |
| NCH | 0 | | 200,315 | 96 | 442,406 | 87 | 1,192 | 72 | 187,709 | 95 | 2,876,438 | 95 | 0 | | 3,175 | 96 | 32,879 | 90 | 1,192 | 72 | 391,199 | 95 | 3,351,722 | 94 |
| SIVC | 0 | | 5,818 | 3 | 37,991 | 7 | 394 | 24 | 6,907 | 3 | 112,975 | 4 | 0 | | 87 | 3 | 2,250 | 6 | 394 | 24 | 12,812 | 3 | 153,215 | 4 |
| MIVC | 0 | | 2,202 | 1 | 10,785 | 2 | 7 | 0 | 1,326 | 1 | 13,985 | 0 | 0 | | 25 | 1 | 297 | 1 | 7 | 0 | 3,553 | 1 | 25,066 | 1 |
| LIVC | 0 | | 447 | 0 | 631 | 0 | 11 | 1 | 833 | 0 | 10,235 | 0 | 0 | | 0 | 0 | 511 | 1 | 11 | 1 | 1,280 | 0 | 11,377 | 0 |
| NVG | 0 | | 67 | 0 | 12,121 | 2 | 5 | 0 | 0 | 0 | 693 | 0 | 0 | | 0 | 0 | 8 | 0 | 5 | 0 | 67 | 0 | 12,822 | 0 |
| CLD/SHA | 0 | 0 226 0 2,531 | | | | | | 0 | 0 | 0 | 186 | | 0 | | 4 | 0 | | 0 | 0 | 0 | 230 | 0 | 2,717 | 0 |
| TOTAL | 0 | 0 | 209,337 | 100 | 506,930 | 100 | 1,650 | 100 | 197,498 | 100 | 3,023,163 | 100 | 0 | 0 | 3,311 | 100 | 36,472 | 100 | 1,650 | 100 | 410,146 | 100 | 3,566,564 | 100 |

Table 2-5 Acres of Classified Change in Kern County by Lifeform Type and Owner Class

| | | Na | tional | Fore | est | | | | Other | Pub | olic | | | | Priva | ite | | | | | All Ow | ners | | |
|---------|---------|-----|---------|------|--------|----|--------|-----|--------|-----|---------|----|---------|-----|--------|-----|---------|-----|---------|-----|---------|------|---------|-----|
| | Hardwo | bod | Conife | er | Shri | du | Hardwo | ood | Conife | er | Shrub | | Hardwo | bod | Conife | er | Shrut |) | Hardwo | ood | Conit | fer | Shrul | b |
| | Acres | % | Acres | % | Acres | % | Acres | | | | | | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ٥ | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 818 | 1 | 1,054 | 1 | 128 | 0 | 269 | 1 | 196 | 0 | 203 | 0 | 411 | 0 | 126 | 0 | 262 | 0 | 1,497 | 0 | 1,376 | 1 | 593 | 0 |
| SDVC | 844 | 1 | 256 | 0 | 98 | 0 | 783 | 2 | 396 | 1 | 194 | 0 | 6,455 | 4 | 370 | 1 | 279 | 0 | 8,082 | 3 | 1,022 | 0 | 571 | 0 |
| NCH | 88,308 | 82 | 119,706 | 79 | 50,110 | 87 | 31,297 | 86 | 49,454 | 94 | 524,817 | 98 | 140,925 | 84 | 38,782 | 87 | 231,593 | 92 | 260,530 | 84 | 207,942 | 84 | 806,520 | 95 |
| SIVC | 7,114 | 7 | 9,598 | 6 | 4,992 | 9 | 1,770 | 5 | 1,216 | 2 | 11,377 | 2 | 5,760 | 3 | 2,566 | 6 | 14,912 | 6 | 14,644 | 5 | 13,380 | 5 | 31,280 | 4 |
| MIVC | 0 | 0 | 911 | 1 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 918 | 0 | 80 | 0 |
| LIVC | 16 | 0 | 25 | 0 | 13 | 0 | 21 | 0 | 53 | 0 | 78 | 0 | 75 | 0 | 30 | 0 | 313 | 0 | 112 | 0 | 108 | 0 | 404 | 0 |
| NVG | 7 | 0 | 0 | 0 | 0 | 0 | 155 | 0 | 193 | 0 | 403 | 0 | 186 | 0 | 93 | 0 | 862 | 0 | 349 | 0 | 286 | 0 | 1,265 | 0 |
| CLD/SHA | 10,665 | 10 | 19,819 | 13 | 2,049 | 4 | 1,964 | 5 | 1,015 | 2 | 694 | 0 | 13,669 | 8 | 2,575 | 6 | 2,230 | 1 | 26,298 | 8 | 23,409 | 9 | 4,973 | 1 |
| TOTAL | 107,773 | 100 | 151,369 | 100 | 57,469 | | | | | | | | | 100 | 44,549 | 100 | 250,451 | 100 | 311,512 | 100 | 248,442 | 100 | 845,684 | 100 |

Table 2-6 Acres of Classified Change in Madera County by Lifeform Type and Owner Class

| | | Nat | ional Fo | ores | t | | | Ot | ther Pu | ublic | ; | | | | Privat | e | | | | | All Ow | ner | s | |
|---------|----------------|-----|----------|------|-------|-----|--------|-----|---------|-------|-------|-----|---------|-----|--------|-----|-------|-----|---------|-----|---------|-----|-------|-----|
| | Hardwo | od | Conife | г | Shru | qr | Hardwo | bod | Conife | er | Shrub | | Hardwo | bod | Conife | er | Shri | np | Hardwo | ood | Conife | er | Shru | b |
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 422 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 457 | 0 | 0 | 0 |
| MDVC | 197 | 0 | 2,901 | 1 | 0 | 0 | 0 | 0 | 176 | 0 | 0 | 0 | 265 | 0 | 177 | 1 | 0 | 0 | 463 | 0 | 3,253 | 1 | 0 | 0 |
| SDVC | 1,632 | 2 | 4,292 | 1 | 3 | 1 | 130 | 1 | 201 | 0 | 27 | 4 | 3,335 | 2 | 968 | 5 | 0 | 0 | 5,097 | 2 | 5,461 | 1 | 30 | 3 |
| NCH | 67,782 | 81 | 281,652 | 90 | 378 | 93 | 5,729 | 52 | 51,826 | 98 | 606 | 89 | 121,428 | 68 | 15,748 | 83 | 63 | 98 | 194,938 | 71 | 349,226 | 91 | 1,047 | 91 |
| SIVC | 7,393 | 9 | 6,229 | 2 | 21 | 5 | 3,476 | 32 | 65 | 0 | 14 | 2 | 49,589 | 28 | 913 | 5 | 1 | 2 | 60,458 | 22 | 7,207 | 2 | 35 | 3 |
| MIVC | 853 | 1 | 2,909 | 1 | 0 | 0 | 241 | 2 | 22 | 0 | 0 | 0 | 781 | 0 | 150 | 1 | 0 | 0 | 1,875 | 1 | 3,081 | 1 | 0 | 0 |
| LIVC | 36 | | | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 279 | 0 | 3 | 0 | 0 | 0 | 357 | 0 | 89 | 0 | 0 | 0 | | |
| NVG | 116 0 737 0 | | | | 0 | 0 | 1,000 | 9 | 100 | 0 | 0 | 0 | 1,226 | 1 | 36 | 0 | 0 | 0 | 2,342 | 1 | 872 | 0 | 0 | 0 |
| CLD/SHA | 2,782 7 13,074 | | | | 3 | 1 | 350 | 3 | 618 | 1 | 37 | 5 | 5,662 | 2 | 1,046 | 5 | 0 | 0 | 8,794 | 3 | 14,738 | 4 | 40 | 3 |
| TOTAL | 80,791 | 100 | 312,302 | 100 | 405 | 100 | 10,967 | 100 | 53,042 | 100 | 683 | 100 | 182,565 | 100 | 19,040 | 100 | 64 | 100 | 274,324 | 100 | 384,384 | 100 | 1,152 | 100 |

Table 2-7 Acres of Classified Change in Mariposa County by Lifeform Type and Owner Class

| | | Na | ational | For | est | | | (| Other I | Pub | lic | | | | Priv | /ate | | | | | All Owr | ners | | |
|---------|--------|-----|---------|-----|--------|-----|--------|-----------------|---------|-----|--------|-----|---------|-----|--------|------|--------|-----|---------|------|---------|------|---------|-----|
| | Hardwo | ood | Conife | er | Shru | ıb | Hardwo | ood | Conif | er | Shrub | | Hardwe | ood | Conif | er | Shrub |) | Hardw | /ood | Conife | er | Shru | b |
| | Acres | % | Acres | % | Acres | % | Acres | % Acres % Acres | | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 15 | 0 | 4 | 0 | 0 | 0 | 15 | 0 | 4 | 0 | 9 | 0 |
| MDVC | 283 | 0 | 506 | 0 | 59 | 0 | 100 | 0 | 1,954 | 1 | 440 | 1 | 966 | 0 | 63 | 0 | 160 | 1 | 1,349 | 0 | 2,523 | 1 | 659 | 1 |
| SDVC | 819 | 1 | 2,243 | 2 | 251 | 1 | 694 | 2 | 3,964 | 2 | 394 | 1 | 10,988 | 5 | 826 | 3 | 490 | 2 | 12,500 | 4 | 7,032 | 2 | 1,135 | 1 |
| NCH | 39,591 | 59 | 79,851 | 67 | 25,769 | 54 | 22,501 | 74 | 191,513 | 91 | 42,881 | 83 | 178,472 | 77 | 27,166 | 83 | 20,032 | 76 | 240,564 | 73 | 298,530 | 82 | 88,682 | 70 |
| SIVC | 12,514 | 19 | 12,192 | 10 | 9,657 | 20 | 960 | 3 | 1,298 | 1 | 3,699 | 7 | 23,968 | 10 | 1,605 | 5 | 1,873 | 7 | 37,441 | 11 | 15,095 | 4 | 15,229 | 12 |
| MIVC | 11,241 | 17 | 13,123 | 11 | 9,177 | 19 | 1,844 | 6 | 4,243 | 2 | 2,177 | 4 | 2136 | 1 | 404 | 1 | 1,838 | 7 | 15,221 | 5 | 17,770 | 5 | 13,193 | 10 |
| LIVC | 724 | 1 | 1,535 | 1 | 1,351 | 3 | 863 | 3 | 1,496 | 1 | 35 | 0 | 91 | 0 | 27 | 0 | 65 | 0 | 1,678 | 1 | 3,058 | 1 | 1,451 | 1 |
| NVG | 373 | 1 | 611 | 1 | 196 | 0 | 467 | 2 | 523 | 0 | 271 | 1 | 2,659 | 1 | 68 | 0 | 150 | 1 | 3,499 | 1 | 1,202 | 0 | 617 | 0 |
| CLD/SHA | 1,201 | 2 | 9,910 | 8 | 1,297 | 3 | 3,165 | 10 | 4,782 | 2 | 1,919 | 4 | 11,013 | 5 | 2,585 | 8 | 1,906 | 7 | 15,379 | 5 | 17,277 | 5 | 5,122 | 4 |
| TOTAL | 66,746 | 100 | 119,970 | 100 | 47.757 | 100 | 30.593 | 100 | 209.773 | 100 | 51.824 | 100 | 230.308 | 100 | 32,749 | 100 | 26.516 | 100 | 327.647 | 100 | 362.491 | 100 | 126.096 | 100 |

Table 2-8 Acres of Classified Change in Mono County by Lifeform Type and Owner Class

| | | Ν | lational | Fo | rest | | | | Other | Publi | ic | | | | Pri | vate | | | | | All Ov | ners | 3 | |
|---------|---------------------|-----|----------|-----|---------|-----|-------|-----|---------|-------|---------|-----|-------|------|--------|------|--------|-----|--------|-----|---------|------|---------|-----|
| | Hardwo | ood | Conife | r | Shrul | b | Hardw | ood | Conife | er | Shrub | | Hardw | ood/ | Conit | fer | Shru | ıb | Hardwo | ood | Conife | er | Shrul | Ď |
| | Acres % Acres % Acr | | | | | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| LDVC | 0 | | 8 | 0 | 71 | 0 | 9 | 0 | 8 | 0 | 66 | 0 | 0 | | 81 | 0 | 88 | 0 | 9 | 0 | 97 | 0 | 225 | 0 |
| MDVC | 0 | | 0 | 0 | 118 | 0 | 0 | 0 | 6 | 0 | | 0 | 0 | | 32 | 0 | 44 | 0 | 0 | 0 | 38 | 0 | 162 | 0 |
| SDVC | 0 | | 331 | 0 | 634 | 0 | 31 | 1 | 457 | 0 | 589 | 0 | 0 | | 297 | 1 | 594 | 1 | 31 | 1 | 1,084 | 0 | 1,816 | 0 |
| NCH | 0 | | 285,230 | 98 | 378,487 | 91 | 3,528 | 77 | 104,177 | 89 | 382,525 | 87 | 0 | | 34,298 | 77 | 58,517 | 73 | 3,528 | 77 | 423,705 | 94 | 819,529 | 88 |
| SIVC | 0 | | 2,837 | 1 | 24,481 | 6 | 745 | 16 | 11,166 | 10 | 45,500 | 10 | 0 | | 8,111 | 18 | 10,861 | 14 | 745 | 16 | 22,114 | 5 | 80,841 | 9 |
| MIVC | 0 | | 512 | 0 | 6,938 | 2 | 103 | 2 | 938 | 1 | 8,220 | 2 | 0 | | 1,088 | 2 | 2,693 | 3 | 103 | 2 | 2,538 | 1 | 17,851 | 2 |
| LIVC | 0 | | 129 | 0 | 502 | 0 | 17 | 0 | 36 | 0 | 2,013 | 0 | 0 | | 332 | 1 | 2,893 | 4 | 17 | 0 | 496 | 0 | 5,408 | 1 |
| NVG | 0 | | 148 | 0 | 2,389 | 1 | 142 | 3 | 3 | 0 | 1,138 | 0 | 0 | | 46 | 0 | | 1 | 142 | 3 | 197 | 0 | 4,378 | 0 |
| CLD/SHA | 0 | | 542 | 0 | 1,098 | 0 | 0 | 0 | 124 | 0 | 70 | 0 | 0 | | 239 | 1 | 3,358 | 4 | 0 | 0 | 905 | 0 | 4,526 | 0 |
| TOTAL | 0 | 0 | 289,738 | 100 | 414,718 | 100 | 4,575 | 100 | 116,914 | 100 | 440,120 | 100 | 0 | 0 | 44,523 | 100 | 79,898 | 100 | 4,575 | 100 | 451,175 | 100 | 934,736 | 100 |

Table 2-9 Acres of Classified Change in Tulare County by Lifeform Type and Owner Class

| | | National Forest | | | | | Other Public | | | | | | Private | | | | | All Owners | | | | | | |
|---------|---------|-----------------|---------|-----|--------|-----|--------------|------|---------|-----|--------|-----|---------|-----|--------|-----|-------|------------|---------|-----|---------------|-----|---------|-----|
| | Hardwo | ood | Conife | er | Shrul | b | Hardw | rood | Conife | r | Shrub | | Hardwo | bod | Conif | er | Shru | np | Hardwo | ood | Conife | er | Shrub |) |
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 0 | 67 | 0 | 78 | 0 | 0 | 0 | 11 | 0 | 80 | 0 | 5 | 0 | 77 | 0 |
| MDVC | 353 | 0 | 276 | 0 | 152 | 0 | 48 | 0 | 1,084 | 0 | 5 | 0 | 4 | 0 | 8 | 0 | 9 | 0 | 404 | 0 | 1,368 | 0 | 165 | 0 |
| SDVC | 1,025 | 1 | 1,223 | 0 | 28 | 0 | 446 | 0 | 1,660 | 0 | 21 | 0 | 1566 | 1 | 339 | 1 | 21 | 0 | 3,036 | 1 | 3,222 | 0 | 71 | 0 |
| NCH | 107,385 | 73 | 553,038 | 86 | 69,184 | 87 | 82,667 | 76 | 333,833 | 84 | 21,287 | 82 | 198,577 | 88 | 27,484 | 80 | 7,436 | 91 | 388,629 | 81 | 914,355 | 85 | 97,907 | 86 |
| SIVC | 6,359 | 4 | 12,821 | 2 | 7,352 | 9 | 6,621 | 6 | 4,974 | 1 | 2,151 | 8 | 13,963 | 6 | 2,496 | 7 | 364 | 4 | 26,943 | 6 | 20,291 | 2 | 9,866 | 9 |
| MIVC | 627 | 0 | 4,381 | 1 | 1,461 | 2 | 424 | 0 | 484 | 0 | 56 | 0 | 768 | 0 | 262 | 1 | 19 | 0 | 1,819 | 0 | 5,127 | 0 | 1,535 | 1 |
| LIVC | 18 | 0 | 28 | 0 | 36 | 0 | 37 | 0 | 9 | 0 | 0 | 0 | 135 | 0 | 17 | 0 | 0 | 0 | 191 | 0 | 53 | 0 | 36 | 0 |
| NVG | 40 | 0 | 63 | 0 | 12 | 0 | 27 | 0 | 414 | 0 | 21 | 0 | 163 | 0 | 53 | 0 | 0 | 0 | 230 | 0 | 530 | 0 | 32 | 0 |
| CLD/SHA | 31,927 | 22 | 70,739 | 11 | 1,178 | 1 | 18,126 | 17 | 52,777 | 13 | 2,383 | 9 | 9,706 | 4 | 3,822 | 11 | 292 | 4 | 59,759 | 12 | 127,338 | 12 | 3,853 | 3 |
| TOTAL | 147,734 | 100 | 642,568 | 100 | 79,402 | 100 | 108,399 | 100 | 395,240 | 100 | 25,990 | 100 | 224,960 | 100 | 34,481 | 100 | 8,151 | 100 | 481,093 | 100 | 1,072,2 88 | 100 | 113,542 | 100 |

Table 2-10 Acres of Classified Change in Tuolumne County by Lifeform Type and Owner Class

| | | Na | ational | Fore | est | | Other Public | | | | | | Private | | | | | | All Owners | | | | | |
|---------|--------|-----|---------|------|--------|-----|--------------|-----|---------|-----|--------|-----|---------|-----|---------|-----|--------|-----|------------|-----|---------|-----|--------|-----|
| | Hardwo | ood | Conif | er | Shru | b | Hardwo | ood | Conife | er | Shrub | | Hardw | ood | Conife | ır | Shri | ub | Hardwo | od | Conife | r | Shrub | , |
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| LDVC | 391 | 1 | 4,178 | 1 | 91 | 0 | 58 | 0 | 90 | 0 | 35 | 0 | 230 | 0 | 1,085 | 1 | 46 | 0 | 678 | 0 | 5,352 | 1 | 172 | 0 |
| MDVC | 1,244 | 2 | 6,271 | 1 | 301 | 1 | 662 | 1 | 338 | 0 | 339 | | 2,648 | 2 | 2,777 | 2 | 499 | 3 | 4,553 | 2 | 9,386 | 1 | 1,139 | 1 |
| SDVC | 700 | 1 | 9,022 | 2 | 966 | 2 | 1,634 | 3 | 2,023 | 1 | 247 | 1 | 1,797 | 1 | 3,806 | 3 | 189 | 1 | 4,130 | 2 | 14,851 | 2 | 1,402 | 1 |
| NCH | 38,499 | 55 | 335,929 | 76 | 38,760 | 65 | 42,366 | 71 | 297,227 | 94 | 13,478 | 76 | 113,951 | 81 | 80,616 | 71 | 11,119 | 62 | 194,816 | 72 | 713,772 | 82 | 63,357 | 67 |
| SIVC | 6,565 | 9 | 21,804 | 5 | 6,697 | 11 | 860 | 1 | 3,766 | 1 | 410 | 2 | 3,174 | 2 | 5,352 | 5 | 829 | 5 | 10,599 | 4 | 30,922 | 4 | 7,936 | 8 |
| MIVC | 15,865 | 23 | 17,440 | 4 | 7,877 | 13 | 2,090 | 3 | 2,565 | 1 | 1,271 | 7 | 5,318 | 4 | 2,133 | 2 | 2,085 | 12 | 23,273 | 9 | 22,137 | 3 | 11,233 | 12 |
| LIVC | 1,333 | 2 | 3,057 | 1 | 689 | 1 | 134 | 0 | 136 | 0 | 209 | 1 | 722 | 1 | 100 | 0 | 1,633 | 9 | 2,190 | 1 | 3,293 | 0 | 2,532 | 3 |
| NVG | 159 | 0 | 682 | 0 | 195 | 0 | 4,916 | 8 | 1,393 | 0 | 499 | 3 | 2,647 | 2 | 157 | 0 | 166 | 1 | 7,722 | 3 | 2,232 | 0 | 860 | 1 |
| CLD/SHA | 5,010 | 7 | 45,346 | 10 | 3,717 | 6 | 7,013 | 12 | 7,406 | 2 | 1,133 | 6 | 9,707 | 7 | 17,677 | 16 | 1,327 | 7 | 21,730 | 8 | 70,429 | 8 | 6,177 | 7 |
| TOTAL | 69.765 | 100 | 443.730 | 100 | 59.294 | 100 | 59.734 | 100 | 314.943 | 100 | 17.620 | 100 | 140.194 | 100 | 113.702 | 100 | 17.894 | 100 | 269.693 | 100 | 872.374 | 100 | 94.807 | 100 |

Table 2-11 Acres of Classified Change in Calaveras County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Private | e ¹ | All Owners | |
|--------------------------|-----------------|-----|-----------------|-----|---------|----------------|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 5 | 0 | 0 | 0 | 111 | 0 | 116 | 0 |
| MDVC | 10 | 1 | 9 | 1 | 999 | 2 | 1,018 | 2 |
| SDVC | 16 | 1 | 34 | 3 | 996 | 2 | 1,046 | 2 |
| NCH | 729 | 46 | 886 | 68 | 48,516 | 86 | 50,131 | 84 |
| SIVC | 133 | 8 | 15 | 1 | 1,553 | 3 | 1,701 | 3 |
| MIVC | 115 | 7 | 64 | 5 | 968 | 2 | 1,147 | 3 2 |
| LIVC | 0 | 0 | 13 | 1 | 74 | 0 | 87 | 0 |
| NVG | 3 | 0 | 54 | 4 | 1,052 | 2 | 1,109 | 2 |
| CLD/SHA | 586 | 37 | 220 | 17 | 2,211 | 4 | 3,017 | 5 |
| TOTAL | 1,597 | 100 | 1,295 | 100 | 56,480 | 100 | 59,372 | 100 |
| Blue Oak / Foothill Pine | | | | | | | | |
| LDVC | 0 | | 131 | 1 | 139 | 0 | 270 | 0 |
| MDVC | 0 | | 219 | 1 | 538 | 1 | 757 | 1 |
| SDVC | 0 | | 276 | 2 | 726 | 2 | 1,002 | 2 |
| NCH | 0 | | 12,023 | 66 | 36,006 | 87 | 48,029 | 81 |
| SIVC | 0 | | 633 | 3 | 872 | 2 | 1,505 | 3 |
| MIVC | 0 | | 413 | 2 | 485 | 1 | 898 | 2 |
| LIVC | 0 | | 37 | 0 | 26 | 0 | 63 | 0 |
| NVG | 0 | | 3,174 | 17 | 175 | 0 | 3,349 | 6 |
| CLD/SHA | 0 | | 1,288 | 7 | 2,199 | 5 | 3,487 | 6 |
| TOTAL | 0 | 0 | 18,194 | 100 | 41,166 | 100 | 59,360 | 100 |
| Montane Hardwoods | | | | | | | | |
| LDVC | 270 | 3 | 158 | 2 | 1,827 | 2 | 2,255 | 2 |
| MDVC | 73 | 1 | 499 | 6 | 4,171 | 4 | 4,743 | 4 |
| SDVC | 75 | 1 | 203 | 2 | 2,196 | 2 | 2,474 | 4 2 |
| NCH | 3,676 | 37 | 4,444 | 54 | 89,313 | 77 | 97,433 | 72 |
| SIVC | 720 | 7 | 504 | 6 | 6,066 | 5 | 7,290 | 5 |
| MIVC | 103 | 1 | 216 | 3 | 1,824 | 2 | 2,143 | 2 |
| LIVC | 2 | 0 | 18 | 0 | 75 | 0 | 95 | 0 |
| NVG | 4 | 0 | 8 | 0 | 496 | 0 | 508 | 0 |
| CLD/SHA | 5,635 | 50 | 2,182 | 27 | 10,223 | 9 | 18,040 | 13 |
| TOTAL | 10,558 | 100 | 8,233 | 100 | 116,191 | 100 | 134,982 | 100 |
| | 1 | | | | | | | |
| TOTAL | 12,155 | | 27,721 | | 213,837 | | 253,713 | |

¹ Does not include 1307 acres classified as potential hardwood in the CDF hardwood grid data layer.

Table 2-12 Acres of Classified Change in Fresno County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Privat | е | All Owners | |
|-------------------------------|-----------------|---------|-----------------|-----|------------------|-----|---------------|----------|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 367 | 0 | 0 | 0 | 7 | 0 | 374 | 0 |
| SDVC | 1,755 | 2 | 28 | 1 | 2,558 | 2 | 4,340 | 2 |
| NCH | 53,773 | 60 | 1,854 | 65 | 76,880 | 61 | 132,507 | 61 |
| SIVC | 20,641 | 23 | 569 | 20 | 39,101 | 31 | 60,311 | 28 |
| MIVC | 5,057 | 6 | 23 | 1 | 328 | 0 | 5,407 | 2 |
| LIVC | 850 | 1 | 0 | 0 | 323 | 0 | 1,173 | 1 |
| NVG | 1,396 | 2 | 155 | 5 | 1,506 | 1 | 3,058 | 1 |
| CLD/SHA | 5,401 | 6 | 203 | 7 | 5,834 | 5 | 11,433 | 5 |
| TOTAL | 89,240 | 100 | 2,833 | 100 | 126,536 | 100 | 218,604 | 100 |
| Dlue Oak / Feethill Dine | | | | | | | | |
| Blue Oak / Foothill Pine LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| SDVC | | 1 | 34 | 1 | 314 | 1 | 488 | 1 |
| NCH | 140 | | | 41 | | 51 | 20,720 | |
| SIVC | 4,218 953 | 42 9 | 1,216 1,437 | 49 | 15,286 13,237 | 44 | 15,627 | 48 36 |
| MIVC | 181 | 2 | 35 | 1 | 134 | 0 | 350 | |
| LIVC | 18 | 0 | 17 | 1 | 37 | 0 | 71 | 0 |
| NVG | 143 | 1 | 62 | 2 | 247 | 1 | 452 | 1 |
| | | | | | | | | |
| CLD/SHA | 4,472 | 44 | 129 | 4 | 807 | 3 | 5,402 | 13 |
| TOTAL | 10,132 | 100 | 2,931 | 100 | 30,062 | 100 | 43,119 | 100 |
| Montane Hardwoods | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 2,176 | 1 | 0 | 0 | 30 | 0 | 2,206 | 1 |
| SDVC | 6,453 | 3 | 14 | 2 | 874 | 3 | 7,341 | 3 |
| NCH | 153,914 | 79 | 384 | 58 | 14,473 | 55 | 168,771 | 76 |
| SIVC | 17,861 | 9 | 187 | 28 | 8,681 | 33 | 26,729 | 12 |
| MIVC | 3,120 | 2 | 2 | 0 | 77 | 0 | 3,198 | 1 |
| LIVC | 436 | 0 | 0 | 0 | 100 | 0 | 536 | 0 |
| NVG | 756 | 0 | 6 | 1 | 446 | 2 | 1,208 | 1 |
| CLD/SHA | 10,357 | 5 | 69 | 10 | 1,543 | 6 | 11,964 | 5 |
| TOTAL | 195,072 | 100 | 663 | 100 | 26,224 | 100 | 221,955 | 100 |
| | | | | | | | | |
| TOTAL | 294,445 | | 6,426 | | 182,823 | | 483,677 | |

Table 2-13 Acres of Classified Change in Inyo County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Privat | е | All Owners | |
|--------------------------|-----------------|---|-----------------|---|--------|-----|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 0 | | 0 | | 0 | | 0 | |
| MDVC | 0 | | 0 | | 0 | | 0 | |
| SDVC | 0 | | 0 | | 0 | | 0 | |
| NCH | 0 | | 0 | | 0 | | 0 | |
| SIVC | 0 | | 0 | | 0 | | 0 | |
| MIVC | 0 | | 0 | | 0 | | 0 | |
| LIVC | 0 | | 0 | | 0 | | 0 | |
| NVG | 0 | | 0 | | 0 | | 0 | |
| CLD/SHA | 0 | | 0 | | 0 | | 0 | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blue Oak / Foothill Pine | | | | | | | | |
| LDVC | 0 | | 0 | | 0 | | 0 | |
| MDVC | 0 | | 0 | | 0 | | 0 | |
| SDVC | 0 | | 0 | | 0 | | 0 | |
| NCH | 0 | | 0 | | 0 | | 0 | |
| SIVC | 0 | | 0 | | 0 | | 0 | |
| MIVC | 0 | | 0 | | 0 | | 0 | |
| LIVC | 0 | | 0 | | 0 | | 0 | |
| NVG | 0 | | 0 | | 0 | | 0 | |
| CLD/SHA | 0 | | 0 | | 0 | | 0 | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Montane Hardwoods | | | | | | | | |
| LDVC | 0 | | 0 | | 7 | 0 | 7 | 0 |
| MDVC | 0 | | 0 | | 0 | 0 | 0 | 0 |
| SDVC | 0 | | 0 | | 34 | 2 | 34 | 2 |
| NCH | 0 | | 0 | | 1,192 | 72 | 1,192 | 72 |
| SIVC | 0 | | 0 | | 394 | 24 | 394 | 24 |
| MIVC | 0 | | 0 | | 7 | 0 | 7 | 0 |
| LIVC | 0 | | 0 | | 11 | 1 | 11 | 1 |
| NVG | 0 | | 0 | | 5 | 0 | 5 | 0 |
| CLD/SHA | 0 | | 0 | | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 1,650 | 100 | 1,650 | 100 |
| TOTAL | 0 | | 0 | | 1,650 | | 1,650 | |

Table 2-14 Acres of Classified Change in Kern County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Privat | e | All Owners | |
|--------------------------|-----------------|-----|-----------------|-----|---------|-----|---------------|-----|
| - | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 384 | 1 | 7 | 0 | 275 | 0 | 666 | 0 |
| SDVC | 704 | 1 | 81 | 1 | 6,286 | 4 | 7,071 | 3 |
| NCH | 56,958 | 83 | 8,633 | 84 | 126,622 | 85 | 192,213 | 84 |
| SIVC | 3,706 | 5 | 731 | 7 | 3,670 | 2 | 8,107 | 4 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 6 | 0 | 0 | 0 | 73 | 0 | 78 | 0 |
| NVG | 7 | 0 | 5 | 0 | 150 | 0 | 162 | 0 |
| CLD/SHA | 7,066 | 10 | 838 | 8 | 12,099 | 8 | 20,003 | 9 |
| TOTAL | 68,830 | 100 | 10,295 | 100 | 149,175 | 100 | 228,301 | 100 |
| Blue Oak / Foothill Pine | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 2 | 0 | 158 | 1 | 6 | 0 | 167 | 1 |
| SDVC | 22 | 1 | 686 | 3 | 76 | 1 | 783 | 2 |
| NCH | 1,158 | 78 | 21,535 | 88 | 5,522 | 84 | 28,215 | 86 |
| SIVC | 204 | 14 | 1,031 | 4 | 470 | 7 | 1,705 | 5 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 6 | 0 | 2 | 0 | 8 | 0 |
| NVG | 0 | 0 | 139 | 1 | 3 | 0 | 142 | 0 |
| CLD/SHA | 99 | 7 | 1,043 | 4 | 524 | 8 | 1,666 | 5 |
| TOTAL | 1,485 | 100 | 24,597 | 100 | 6,603 | 100 | 32,685 | 100 |
| Mantana Hardura da | | | | | | | | |
| Montane Hardwoods LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 432 | 1 | 104 | 8 | 129 | 1 | 665 | 1 |
| SDVC | 119 | 0 | 16 | 1 | 93 | 1 | 227 | 0 |
| NCH | 30,192 | 81 | 1,130 | 83 | 8,781 | 75 | 40,103 | 79 |
| SIVC | 3.204 | 9 | 1,130 | 1 | 1,619 | 14 | 4,832 | 10 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 4,032 | 0 |
| LIVC | 10 | 0 | 15 | 1 | 0 | 0 | 25 | 0 |
| NVG | 0 | 0 | 12 | 1 | 34 | 0 | 46 | 0 |
| CLD/SHA | 3,503 | 9 | 84 | 6 | 1,046 | 9 | 4,633 | 9 |
| TOTAL | 37,460 | 100 | 1,368 | 100 | 11,702 | 100 | 50,530 | 100 |
| TOTAL | 37,400 | 100 | 1,000 | 100 | 11,102 | 100 | 30,330 | 100 |
| TOTAL | 107,776 | | 36,259 | | 167,480 | | 311,515 | |

Table 2-15 Acres of Classified Change in Madera County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Privat | е | All Owners | |
|--------------------------|-----------------|-----|-----------------|-----|---------------------|-----|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 20 | 0 | 0 | 0 | 34 | 0 | 54 | 0 |
| SDVC | 263 | 2 | 16 | 1 | 859 | 1 | 1,138 | 2 |
| NCH | 7,400 | 63 | 767 | 53 | 48,796 | 78 | 56,963 | 75 |
| SIVC | 3,291 | 28 | 432 | 30 | 10,746 | 17 | 14,469 | 19 |
| MIVC | 434 | 4 | 18 | 1 | 304 | 0 | 756 | 1 |
| LIVC | 18 | 0 | 16 | 1 | 154 | 0 | 187 | 0 |
| NVG | 43 | 0 | 165 | 11 | 474 | 1 | 682 | 1 |
| CLD/SHA | 210 | 2 | 33 | 2 | 1,256 | 2 | 1,499 | 2 |
| TOTAL | 11,679 | 100 | 1,447 | 100 | 62,623 | 100 | 75,749 | 100 |
| Blue Oak / Foothill Pine | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 9 | 0 | 9 | 0 |
| SDVC | 19 | 4 | 94 | 1 | 886 | 1 | 999 | 1 |
| NCH | 230 | 46 | 4,399 | 53 | 38,968 | 60 | 43,596 | 59 |
| SIVC | 197 | 40 | 2,573 | 31 | 22,433 | 34 | 25,203 | 34 |
| MIVC | 4 | 1 | 212 | 3 | 202 | 0 | 419 | 1 |
| LIVC | 0 | 0 | 26 | 0 | 74 | 0 | 100 | 0 |
| NVG | 2 | 0 | 814 | 10 | 275 | 0 | 1,091 | 1 |
| CLD/SHA | 46 | 9 | 245 | 3 | 2,310 | 4 | 2,601 | 4 |
| TOTAL | 498 | 100 | 8,363 | 100 | 65,157 | 100 | 74,017 | 100 |
| Montane Hardwoods | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 177 | 0 | 0 | 0 | 222 | 0 | 399 | 0 |
| SDVC | 1,350 | 2 | 20 | 2 | 1,589 | 3 | 2,960 | 2 |
| NCH | 60,152 | 88 | 563 | 49 | 33,664 | 61 | 94,379 | 76 |
| SIVC | 3,905 | 6 | 471 | 41 | 16,410 | 30 | 20,786 | 17 |
| MIVC | 415 | 1 | 10 | 1 | 275 | 1 | 699 | 1 |
| LIVC | 18 | 0 | 0 | 0 | 51 | 0 | 70 | 0 |
| NVG | 72 | 0 | 22 | 2 | 477 | 1 | 571 | 0 |
| CLD/SHA | 2,526 | 4 | 72 | 6 | 2,096 | 4 | 4,694 | 4 |
| TOTAL | 68,616 | 100 | 1,157 | 100 | 54,785 | 100 | 124,557 | 100 |
| IUIAL | 00,010 | 100 | 1,137 | 100 | 0 4 ,700 | 100 | 124,057 | 100 |
| TOTAL | 80,793 | | 10,967 | | 182,564 | | 274,323 | |

Table 2-16 Acres of Classified Change in Mariposa County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Privat | е | All Owners | |
|--------------------------|-----------------|-----|-----------------|-----|---------|-----|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| MDVC | 57 | 0 | 0 | 0 | 113 | 0 | 170 | 0 |
| SDVC | 328 | 1 | 1 | 0 | 8,423 | 9 | 8,751 | 7 |
| NCH | 11,410 | 41 | 718 | 82 | 74,020 | 76 | 86,148 | 68 |
| SIVC | 7,217 | 26 | 20 | 2 | 7,994 | 8 | 15,231 | 12 |
| MIVC | 8,136 | 29 | 4 | 0 | 1,061 | 1 | 9,201 | 7 |
| LIVC | 442 | 2 | 0 | 0 | 79 | 0 | 520 | 0 |
| NVG | 200 | 1 | 82 | 9 | 1,684 | 2 | 1,966 | 1 |
| CLD/SHA | 150 | 1 | 47 | 5 | 4,339 | 4 | 4,536 | 4 |
| TOTAL | 27,939 | 100 | 872 | 100 | 97,714 | 100 | 126,525 | 100 |
| | | | | | | | | |
| Blue Oak / Foothill Pine | | | | | | | - 44 | |
| LDVC | 0 | 0 | 0 | 0 | 14 | 0 | 14 | 0 |
| MDVC | 0 | 0 | 77 | 1 | 314 | 1 | 391 | 1 |
| SDVC | 3 | 0 | 343 | 2 | 578 | 1 | 924 | 1 |
| NCH | 754 | 48 | 11,632 | 81 | 39,632 | 82 | 52,018 | 81 |
| SIVC | 277 | 18 | 641 | 4 | 4,514 | 9 | 5,432 | 8 |
| MIVC | 444 | 28 | 265 | 2 | 710 | 1 | 1,419 | 2 |
| LIVC | 0 | 0 | 11 | 0 | 5 | 0 | 16 | 0 |
| NVG | 0 | 0 | 311 | 2 | 433 | 1 | 744 | 1 |
| CLD/SHA | 88 | 6 | 1,123 | 8 | 2,150 | 4 | 3,361 | 5 |
| TOTAL | 1,565 | 100 | 14,402 | 100 | 48,351 | 100 | 64,318 | 100 |
| Montane Hardwoods | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 226 | 1 | 23 | 0 | 539 | 1 | 788 | 1 |
| SDVC | 488 | 1 | 349 | 2 | 1,987 | 2 | 2,825 | 2 |
| NCH | 27,427 | 74 | 10,150 | 66 | 64,820 | 77 | 102,397 | 75 |
| SIVC | 5,020 | 13 | 300 | 2 | 11,459 | 14 | 16,780 | 12 |
| MIVC | 2,661 | 7 | 1,575 | 10 | 364 | 0 | 4,601 | 3 |
| LIVC | 283 | 1 | 853 | 6 | 7 | 0 | 1,143 | 1 |
| NVG | 173 | 0 | 75 | 0 | 542 | 1 | 790 | 1 |
| CLD/SHA | 963 | 3 | 1,995 | 13 | 4,524 | 5 | 7,482 | 5 |
| TOTAL | 37,242 | 100 | 15,319 | 100 | 84,244 | 100 | 136,804 | 100 |
| | | | | | | | | |
| TOTAL | 66,746 | | 30,593 | | 230,308 | | 327,647 | |

Table 2-17 Acres of Classified Change in Mono County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Privat | e | All Owners | |
|--------------------------|-----------------|---|-----------------|---|--------|-----|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 0 | | 0 | | 0 | | 0 | _ |
| MDVC | 0 | | 0 | | 0 | | 0 | |
| SDVC | 0 | | 0 | | 0 | | 0 | |
| NCH | 0 | | 0 | | 0 | | 0 | |
| SIVC | 0 | | 0 | | 0 | | 0 | _ |
| MIVC | 0 | | 0 | | 0 | | 0 | - |
| LIVC | 0 | | 0 | | 0 | | 0 | |
| NVG | 0 | | 0 | | 0 | | 0 | |
| CLD/SHA | 0 | | 0 | | 0 | | 0 | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blue Oak / Foothill Pine | | | | | | | | |
| LDVC | 0 | | 0 | | 0 | | 0 | |
| MDVC | 0 | | 0 | | 0 | | 0 | |
| SDVC | 0 | | 0 | | 0 | | 0 | |
| NCH | 0 | | 0 | | 0 | | 0 | |
| SIVC | 0 | | 0 | | 0 | | 0 | |
| MIVC | 0 | | 0 | | 0 | | 0 | |
| LIVC | 0 | | 0 | | 0 | | 0 | |
| NVG | 0 | | 0 | | 0 | | 0 | |
| CLD/SHA | 0 | | 0 | | 0 | | 0 | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Montane Hardwoods | | | | | | | | |
| LDVC | 0 | | 0 | | 9 | 0 | 9 | 0 |
| MDVC | 0 | | 0 | | 0 | 0 | 0 | 0 |
| SDVC | 0 | | 0 | | 31 | 1 | 31 | 1 |
| NCH | 0 | | 0 | | 3,528 | 77 | 3,528 | 77 |
| SIVC | 0 | | 0 | | 745 | 16 | 745 | 16 |
| MIVC | 0 | | 0 | | 103 | 2 | 103 | 2 |
| LIVC | 0 | | 0 | | 17 | 0 | 17 | 0 |
| NVG | 0 | | 0 | | 142 | 3 | 142 | 3 |
| CLD/SHA | 0 | | 0 | | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 4,575 | 100 | 4,575 | 100 |
| TOTAL | 0 | | 0 | | 4,575 | | 4,575 | |

Table 2-18 Acres of Classified Change in Tulare County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Privat | е | All Owners | |
|--------------------------|-----------------|-----|-----------------|-----|---------|-----|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 0 | 0 | 2 | 0 | 45 | 0 | 47 | 0 |
| MDVC | 21 | 0 | 0 | 0 | 2 | 0 | 23 | 0 |
| SDVC | 201 | 1 | 377 | 1 | 1,310 | 1 | 1,888 | 1 |
| NCH | 15,912 | 80 | 53,029 | 84 | 164,169 | 88 | 233,110 | 87 |
| SIVC | 1,809 | 9 | 4,902 | 8 | 12,133 | 7 | 18,844 | 7 |
| MIVC | 276 | 1 | 388 | 1 | 646 | 0 | 1,310 | 0 |
| LIVC | 6 | 0 | 33 | 0 | 95 | 0 | 134 | 0 |
| NVG | 13 | 0 | 6 | 0 | 101 | 0 | 120 | 0 |
| CLD/SHA | 1,705 | 9 | 4,101 | 7 | 7,775 | 4 | 13,581 | 5 |
| TOTAL | 19,944 | 100 | 62,837 | 100 | 186,275 | 100 | 269,056 | 100 |
| | | | | | | | | |
| Blue Oak / Foothill Pine | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 9 | 0 | 9 | 0 |
| MDVC | 21 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| SDVC | 107 | 1 | 0 | 0 | 124 | 1 | 231 | 1 |
| NCH | 14,414 | 75 | 145 | 100 | 21,272 | 91 | 35,831 | 84 |
| SIVC | 1,388 | 7 | 0 | 0 | 1,001 | 4 | 2,389 | 6 |
| MIVC | 87 | 0 | 0 | 0 | 39 | 0 | 126 | 0 |
| LIVC | 3 | 0 | 0 | 0 | 16 | 0 | 19 | 0 |
| NVG | 3 | 0 | 0 | 0 | 1 | 0 | 4 | 0 |
| CLD/SHA | 3,206 | 17 | 0 | 0 | 935 | 4 | 4,141 | 10 |
| TOTAL | 19,228 | 100 | 145 | 100 | 23,398 | 100 | 42,771 | 100 |
| Montane Hardwoods | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 24 | 0 | 24 | 0 |
| MDVC | 311 | 0 | 48 | 0 | 2 | 0 | 361 | 0 |
| SDVC | 717 | 1 | 70 | 0 | 131 | 1 | 918 | 1 |
| NCH | 77,059 | 71 | 29,494 | 65 | 13,136 | 86 | 119,689 | 71 |
| SIVC | 3,162 | 3 | 1,719 | 4 | 829 | 5 | 5,710 | 3 |
| MIVC | 264 | 0 | 36 | 0 | 83 | 1 | 383 | 0 |
| LIVC | 10 | 0 | 4 | 0 | 24 | 0 | 38 | 0 |
| NVG | 24 | 0 | 21 | 0 | 62 | 0 | 107 | 0 |
| CLD/SHA | 27,016 | 25 | 14,025 | 31 | 996 | 7 | 42,037 | 25 |
| TOTAL | 108,562 | 100 | 45,417 | 100 | 15,287 | 100 | 169,266 | 100 |
| · | , | | 2, | | 2,1 | | , | |
| TOTAL | 147,734 | | 108,399 | | 224,960 | | 481,093 | |

Table 2-19 Acres of Classified Change in Tuolumne County by Hardwood Cover Type and Owner Class

| | Nation Fores | | Other Public | | Privat | е | All Owners | |
|--------------------------|-----------------|-----|-----------------|-----|---------|-----|---------------|-----|
| | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | |
| LDVC | 12 | 0 | 7 | 0 | 12 | 0 | 30 | 0 |
| MDVC | 156 | 1 | 63 | 3 | 170 | 0 | 389 | 1 |
| SDVC | 306 | 1 | 18 | 1 | 368 | 1 | 692 | 1 |
| NCH | 8,642 | 40 | 1,254 | 53 | 30,093 | 85 | 39,989 | 67 |
| SIVC | 3,427 | 16 | 76 | 3 | 696 | 2 | 4,198 | 7 |
| MIVC | 8,091 | 37 | 612 | 26 | 1,307 | 4 | 10,011 | 17 |
| LIVC | 776 | 4 | 64 | 3 | 406 | 1 | 1,246 | 2 |
| NVG | 64 | 0 | 67 | 3 | 1,006 | 3 | 1,136 | 2 |
| CLD/SHA | 355 | 2 | 203 | 9 | 1,301 | 4 | 1,859 | 3 |
| TOTAL | 21,828 | 100 | 2,362 | 100 | 35,358 | 100 | 59,549 | 100 |
| Blue Oak / Foothill Pine | | | | | | | | |
| LDVC | 52 | 2 | 26 | 0 | 31 | 0 | 109 | 0 |
| MDVC | 237 | 9 | 553 | 2 | 239 | 0 | 1,030 | 1 |
| SDVC | 56 | 2 | 917 | 3 | 285 | 1 | 1,259 | 1 |
| NCH | 1,365 | 52 | 23,269 | 66 | 41,754 | 87 | 66,388 | 77 |
| SIVC | 39 | 1 | 339 | 1 | 578 | 1 | 955 | 1 |
| MIVC | 620 | 24 | 864 | 2 | 1,183 | 2 | 2,668 | 3 |
| LIVC | 56 | 2 | 24 | 0 | 31 | 0 | 111 | 0 |
| NVG | 0 | 0 | 4,767 | 14 | 1,332 | 3 | 6,099 | 7 |
| CLD/SHA | 184 | 7 | 4,427 | 13 | 2,777 | 6 | 7,388 | 9 |
| TOTAL | 2,610 | 100 | 35,187 | 100 | 48,210 | 100 | 86,006 | 100 |
| Montane Hardwoods | | | | | | | | |
| LDVC | 327 | 1 | 26 | 0 | 187 | 0 | 540 | 0 |
| MDVC | 850 | 2 | 46 | 0 | 2,239 | 4 | 3,135 | 3 |
| SDVC | 337 | 1 | 699 | 3 | 1,143 | 2 | 2,179 | 2 |
| NCH | 28,493 | 63 | 17,844 | 80 | 42,104 | 74 | 88,440 | 71 |
| SIVC | 3,100 | 7 | 445 | 2 | 1,901 | 3 | 5,446 | 4 |
| MIVC | 7,153 | 16 | 613 | 3 | 2,827 | 5 | 10,594 | 9 |
| LIVC | 501 | 1 | 46 | 0 | 286 | 1 | 833 | 1 |
| NVG | 95 | 0 | 83 | 0 | 310 | 1 | 488 | 0 |
| CLD/SHA | 4,471 | 10 | 2,383 | 11 | 5,629 | 10 | 12,483 | 10 |
| TOTAL | 45,327 | 100 | 22,185 | 100 | 56,626 | 100 | 124,138 | 100 |
| TOTAL | 69,765 | | 59,734 | | 140,194 | | 269,693 | |

Table 2-20 Acres of Verified Change in Calaveras County by Cause and Hardwood Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep | Regener- ation | Other | Unknown | All Causes |
|-----------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|--------------|-------------------|-------|---------|---------------|
| Blue Oak | | | | | | | | | | | | | | <u> </u> |
| Woodland | | | | | | | | | | | | | | İ |
| LDVC | 0 | 0 | 4 | 0 | 33 | 16 | 0 | 0 | 14 | 0 | 0 | 0 | 49 | 116 |
| MDVC | 2 | 21 | 226 | 0 | 319 | 42 | 2 | 0 | 78 | 0 | 0 | 11 | 317 | 1,018 |
| SDVC | 10 | 25 | 113 | 0 | 59 | 19 | 0 | 5 | 10 | 0 | 0 | 64 | 741 | 1,046 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 50,129 | 50,131 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 446 | 0 | 1,255 | 1,701 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 296 | 0 | 851 | 1,147 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 77 | 87 |
| NVG | 0 | 0 | 0 | 0 | 0 | 91 | 0 | 0 | 0 | 0 | 0 | 7 | 1,011 | 1,109 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,017 | 3,017 |
| TOTAL | 12 | 46 | 343 | 0 | 411 | 168 | 2 | 5 | 102 | 0 | 746 | 90 | 57,447 | 59,372 |
| Blue Oak / Foothill Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 101 | 0 | 0 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 0 | 160 | 270 |
| MDVC | 0 | 180 | 0 | 0 | 112 | 140 | 0 | 3 | 27 | 0 | 0 | 0 | 295 | 757 |
| SDVC | 0 | 121 | 0 | 0 | 36 | 4 | 0 | 0 | 10 | 0 | 0 | 16 | 815 | 1,002 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48,029 | 48,029 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 0 | 250 | 0 | 1,201 | 1,505 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 401 | 0 | 497 | 898 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 33 | 63 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.349 | 3,349 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,487 | 3,487 |
| TOTAL | 0 | 402 | 0 | 0 | 148 | 147 | 0 | 3 | 97 | 0 | 681 | 16 | 57,866 | 59,360 |
| TOTAL | | 702 | 0 | | 140 | 177 | | 3 | 31 | | 001 | 10 | 37,000 | 33,300 |
| Montane Hardwoods | | | | | | | | | | | | | | |
| LDVC | 17 | 24 | 88 | 2 | 1,443 | 57 | 30 | 3 | 13 | 0 | 0 | 3 | 575 | 2,255 |
| MDVC | 39 | 225 | 293 | 14 | 2,351 | 186 | 87 | 0 | 0 | 0 | 0 | 6 | 1,542 | 4,743 |
| SDVC | 43 | 111 | 223 | 16 | 938 | 121 | 0 | 1 | 20 | 0 | 0 | 0 | 1,001 | 2,474 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97,433 | 97,433 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 1,220 | 0 | 6,062 | 7,290 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 262 | 0 | 1,870 | 2,143 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 13 | 0 | 79 | 95 |
| NVG | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 478 | 508 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18,040 | 18,040 |
| TOTAL | 99 | 360 | 604 | 32 | 4,732 | 394 | 117 | 4 | 55 | 0 | 1,495 | 9 | 127,081 | 134,982 |
| TOTAL | | | | | | | | | | | | | | 1 |
| LDVC | 17 | 125 | 92 | 2 | 1,476 | 76 | 30 | 3 | 33 | 0 | 0 | 3 | 785 | 2,642 |
| MDVC | 41 | 426 | 519 | 14 | 3,282 | 368 | 89 | 3 | 105 | 0 | 0 | 17 | 1,655 | 6,519 |
| SDVC | 53 | 257 | 336 | 16 | 1,033 | 144 | 0 | 6 | 40 | 0 | 0 | 80 | 2,556 | 4,521 |
| NCH | 0 | 0 | 0 | 0 | 1,033 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 195,591 | 195,593 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 1,916 | 0 | 8.516 | 10.494 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 959 | 0 | 3,219 | 4,189 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 47 | 6 | 189 | 245 |
| NVG | 0 | 0 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 0 | 0 | 7 | 4,839 | 4,967 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,543 | 24,543 |
| TOTAL | 111 | 808 | 947 | 32 | 5,791 | 709 | 119 | 12 | 254 | 0 | 2,922 | 115 | 241,893 | 253,713 |
| 101712 | | 330 | 0-17 | 52 | 0,701 | , 03 | 1.13 | 12 | 204 | ا ا | 2,022 | 1.15 | 2-1,000 | 200,7 10 |

Table 2-21 Acres of Verified Change in Fresno County by Cause and Hardwood Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|-----------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|-----------------|------------------|
| Blue Oak | | | | | | | | | | | | | | |
| Woodland | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 3 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194 | 374 |
| SDVC | 36 | 97 | 0 | 0 | 127 | 72 | 0 | 0 | 268 | 0 | 0 | 0 | 3,740 | 4,340 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 132,507 | 132,507 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60,311 | 60,311 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,407 | 5,407 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,173 | 1,173 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,058 | 3,058 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,433 | 11,433 |
| TOTAL | 36 | 100 | 0 | 0 | 304 | 72 | 0 | 0 | 268 | 0 | 0 | 0 | 217,824 | 218,604 |
| Blue Oak / Foothill Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 |
| SDVC | 43 | 0 | 0 | 0 | 159 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 190 | 488 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20,720 | 20,720 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 15,622 | 15,627 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 | 350 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 66 | 71 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 452 | 452 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,402 | 5,402 |
| TOTAL | 43 | 0 | 0 | 0 | 159 | 0 | 0 | 0 | 96 | 0 | 10 | 0 | 42,811 | 43,119 |
| Montane Hardwoods | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 27 | 0 | 0 | 1,336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 843 | 2,206 |
| SDVC | 136 | 72 | 47 | 0 | 1,239 | 143 | 0 | 0 | 100 | 0 | 0 | 0 | 5,604 | 7,341 |
| NCH | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 168,689 | 168,771 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 0 | 26,610 | 26,729 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 3,196 | 3,198 |
| LIVC NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 314 | 0 | 222 | 536 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,208 11,964 | 1,208 11,964 |
| TOTAL | 218 | 99 | 47 | 0 | 2,575 | 143 | 0 | 0 | 100 | 0 | 435 | 0 | 218,338 | 221,955 |
| | | | | - | ,- | - | | | | | | - | | ,,,,, |
| TOTAL | <u> </u> | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 30 | 0 | 0 | 2,013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 544 | 2,587 |
| SDVC | 215 | 169 | 47 | 0 | 1,525 | 215 | 0 | 0 | 464 | 0 | 0 | 0 | 9,535 | 12,170 |
| NCH | 82 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 124 | 0 | 321,915 | 321,997 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 124 | 0 | 102,542 | 102,666 8,957 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 8,955 1,463 | 1,782 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 319 0 | 0 | 4,718 | 4,718 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,824 | 28,824 |
| TOTAL | 297 | 199 | 47 | 0 | 3,538 | 215 | 0 | 0 | 464 | 0 | 445 | 0 | 478,805 | 483,702 |
| TOTAL | 291 | 199 | 4/ | U | 3,336 | 215 | - 0 | 0 | 404 | U | 443 | U | 470,000 | 403,702 |

Table 2-22 Acres of Verified Change in Kern County by Cause and Hardwood Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|-----------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| Blue Oak | | | | | | | | | | | | | | |
| Woodland | | | | | | | | | | | | | | ł |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 124 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 408 | 666 |
| SDVC | 0 | 0 | 0 | 0 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,969 | 7,071 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 192,213 | 192,213 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 8,082 | 8,107 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 27 | 78 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 162 | 162 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20,003 | 20,003 |
| TOTAL | 0 | 0 | 124 | 0 | 195 | 0 | 0 | 0 | 0 | 0 | 0 | 117 | 227,865 | 228,301 |
| Blue Oak / Foothill Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167 | 167 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 783 | 783 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,215 | 28,215 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,705 | 1,705 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 142 | 142 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,666 | 1,666 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32,685 | 32,685 |
| Montane Hardwoods | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 276 | 0 | 0 | 261 | 0 | 0 | 0 | 0 | 0 | 0 | 128 | 665 |
| SDVC | 0 | 0 | 6 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 211 | 227 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40,103 | 40,103 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,832 | 4,832 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 46 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,633 | 4,633 |
| TOTAL | 0 | 0 | 282 | 0 | 0 | 271 | 0 | 0 | 0 | 0 | 0 | 0 | 49,977 | 50,530 |
| TOTAL | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 400 | 0 | 93 | 261 | 0 | 0 | 0 | 0 | 0 | 41 | 702 | 1,497 |
| SDVC | 0 | 0 | 6 | 0 | 102 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 7,964 | 8,082 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 260,530 | 260,530 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 14,619 | 14,644 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 61 | 112 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 349 | 349 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,298 | 26,298 |
| TOTAL | 0 | 0 | 406 | 0 | 195 | 271 | 0 | 0 | 0 | 0 | 0 | 117 | 310,523 | 311,512 |

Table 2-23 Acres of Verified Change in Madera County by Cause and Hardwood Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|-----------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|------------|---------------|
| Blue Oak | | | | | | | | | | | | | | |
| Woodland | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 7 | 38 | 54 |
| SDVC | 4 | 6 | 298 | 34 | 0 | 13 | 0 | 0 | 33 | 0 | 0 | 19 | 731 | 1,138 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56,963 | 56,963 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 14,434 | 14,469 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 756 | 756 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187 | 187 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 676 | 682 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,499 | 1,499 |
| TOTAL | 5 | 6 | 298 | 34 | 0 | 13 | 0 | 0 | 47 | 0 | 35 | 26 | 75,285 | 75,749 |
| Blue Oak / Foothill Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 9 |
| SDVC | 65 | 0 | 231 | 27 | 0 | 133 | 0 | 0 | 4 | 0 | 0 | 153 | 386 | 999 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43,596 | 43,596 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,203 | 25,203 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 419 | 419 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,091 | 1,091 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,601 | 2,601 |
| TOTAL | 65 | 0 | 235 | 27 | 0 | 133 | 0 | 0 | 4 | 0 | 0 | 168 | 73,395 | 74,017 |
| Montane Hardwoods | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 39 | 0 | 121 | 26 | 40 | 10 | 9 | 0 | 18 | 0 | 0 | 131 | 5 | 399 |
| SDVC | 263 | 0 | 588 | 239 | 29 | 210 | 146 | 11 | 336 | 0 | 0 | 423 | 715 | 2,960 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94,379 | 94,379 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 0 | 20,708 | 20,786 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 693 | 699 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 70 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 509 | 571 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,694 | 4,694 |
| TOTAL | 302 | 0 | 709 | 265 | 69 | 220 | 155 | 11 | 416 | 0 | 84 | 554 | 121,772 | 124,557 |
| TOTAL | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 40 | 0 | 125 | 26 | 40 | 10 | 9 | 0 | 26 | 0 | 0 | 153 | 34 | 463 |
| SDVC | 332 | 6 | 1.117 | 300 | 29 | 356 | 146 | 11 | 373 | 0 | 0 | 595 | 1.832 | 5.097 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194,938 | 194,938 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 60,345 | 60,458 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 1,869 | 1,875 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 357 | 357 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 0 | 0 | 0 | 2,274 | 2,342 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,794 | 8,794 |
| TOTAL | 372 | 6 | 1,242 | 326 | 69 | 366 | 155 | 11 | 467 | 0 | 119 | 748 | 270,443 | 274,324 |
| | 5,2 | Ť | .,_,_ | 520 | 30 | 200 | .50 | <u> </u> | .57 | Ť | | 0 | 2. 5, . 10 | ,0_+ |

Table 2-24 Acres of Verified Change in Mariposa County by Cause and Hardwood Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|---------------|-----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|--------|-----------------|--------------------------------------------------|
| Blue Oak | | | | | | | | | | | | | | |
| Woodland | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| MDVC | 0 | 0 | 66 | 0 | 19 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 66 | 170 |
| SDVC | 0 | 16 | 151 | 0 | 686 | 1,869 | 0 | 1 | 273 | 0 | 0 | 0 | 5,755 | 8,751 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 0 | 0 | 0 | 86.043 | 86,148 |
| SIVC | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 99 | 0 | 896 | 214 | 14,007 | 15,231 |
| MIVC | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 792 | 0 | 8,402 | 9,201 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 450 | 520 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 1,924 | 1,966 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,536 | 4,536 |
| TOTAL | 12 | 21 | 217 | 0 | 705 | 1,869 | 0 | 1 | 543 | 0 | 1,758 | 214 | 121,185 | 126,525 |
| Blue Oak / | | | | | | | | | | | | | | |
| Foothill Pine | | | _ | | | | _ | | _ | | | | _ | <u> </u> |
| LDVC | 0 | 0 | 6 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| MDVC | 0 | 0 | 42 | 0 | 265 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 391 |
| SDVC NCH | 0 | 92 | 97 | 0 | 122 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 604 | 924 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,364 | 0 | 52,018 4.068 | 52,018 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,364 | 0 | 1,412 | 5,432 1,419 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,412 | 1,419 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 744 | 744 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,361 | 3,361 |
| TOTAL | 0 | 92 | 145 | 0 | 395 | 16 | 0 | 0 | 0 | 0 | 1,371 | 0 | 62,299 | 64,318 |
| TOTAL | 0 | 92 | 143 | U | 393 | 10 | 0 | 0 | 0 | 0 | 1,571 | 0 | 02,299 | 04,510 |
| Montane | | | | | | | | | | | | | | |
| Hardwoods | _ | _ | | | | | | | _ | | _ | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 551 | 0 | 38 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 182 | 788 |
| SDVC | 0 | 310 | 866 | 0 | 91 | 0 | 0 | 24 | 294 | 0 | 0 | 0 | 1,240 | 2,825 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 102,373 | 102,397 |
| SIVC | 407 15 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | <u>4</u> 0 | 0 | 2,604 179 | 24 | 13,724 4,402 | 16,780 4,601 |
| LIVC | 0 | 1 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 0 | 1,143 | 1,143 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 780 | 790 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,482 | 7,482 |
| TOTAL | 422 | 328 | 1,417 | 0 | 129 | 0 | 0 | 24 | 349 | 0 | 2,783 | 28 | 131,324 | 136,804 |
| TOTAL | 722 | 020 | 1,-117 | | 120 | | Ŭ | | 040 | | 2,700 | | 101,024 | 100,004 |
| TOTAL | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 6 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 |
| MDVC | 0 | 0 | 659 | 0 | 322 | 7 | 0 | 0 | 36 | 0 | 0 | 0 | 325 | 1,349 |
| SDVC | 0 | 418 | 1,114 | 0 | 899 | 1,878 | 0 | 25 | 567 | 0 | 0 | 0 | 7,599 | 12,500 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 | 0 | 0 | 0 | 240,435 | 240,564 |
| SIVC | 417 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 103 | 0 | 4,864 | 238 | 31,797 | 37,441 |
| MIVC | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 978 | 4 | 14,216 | 15,221 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 1,608 | 1,678 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 3,447 | 3,499 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,379 | 15,379 |
| TOTAL | 434 | 441 | 1,779 | 0 | 1,229 | 1,885 | 0 | 25 | 892 | 0 | 5,912 | 242 | 314,808 | 327,647 |
| | | | | | | | | | | | | | | |

Table 2-25 Acres of Verified Change in Tulare County by Cause and Hardwood Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|-----------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| Blue Oak | | | | | | | | | | | | | | |
| Woodland | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 47 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 23 |
| SDVC | 0 | 85 | 0 | 0 | 222 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 1,548 | 1,888 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 233,110 | 233,110 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18,844 | 18,844 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,310 | 1,310 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 134 | 134 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 120 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,581 | 13,581 |
| TOTAL | 0 | 85 | 0 | 0 | 222 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 268,716 | 269,056 |
| Blue Oak / Foothill Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 9 |
| MDVC | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 21 |
| SDVC | 0 | 0 | 42 | 0 | 8 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 146 | 231 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35,831 | 35,831 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,389 | 2,389 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 | 126 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 19 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,141 | 4,141 |
| TOTAL | 0 | 0 | 61 | 0 | 8 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 42,658 | 42,771 |
| Montane | | | | | | | | | | | | | | |
| Hardwoods | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 24 |
| MDVC | 0 | 0 | 3 | 0 | 181 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 361 |
| SDVC | 0 | 0 | 20 | 0 | 29 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 850 | 918 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119,689 | 119,689 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,710 | 5,710 |
| MIVC | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 383 | 383 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 38 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 | 107 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,037 | 42,037 |
| TOTAL | 0 | 0 | 23 | 0 | 210 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 169,014 | 169,266 |
| TOTAL | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 71 | 80 |
| MDVC | 0 | 0 | 22 | 0 | 181 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 201 | 404 |
| SDVC | 0 | 85 | 62 | 0 | 259 | 0 | 0 | 0 | 87 | 0 | 0 | 0 | 2,543 | 3.036 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388,629 | 388,629 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,943 | 26,943 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,819 | 1,819 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 191 | 191 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 230 | 230 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59,759 | 59,759 |
| TOTAL | 0 | 85 | 84 | 0 | 440 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 480,388 | 481,093 |
| | | | | | | | | | | | | | | |

Table 2-26 Acres of Verified Change in Tuolumne County by Cause and Hardwood Cover Type

| Site Oak Woodland | | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| LIVC | | | | | | | | | | | | | | | |
| MDVC | | _ | | | | | | | | | | | | | |
| SDVC | | | | | | | | | | | | | | | |
| NCH | | | | | | | | | | | | | | | |
| SIVC | | | | | | | | | | | | | | | |
| MIVC | | | | | | | | | | | | | | | |
| LIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 882 1.246 NVG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1.000 1.136 CLD/SHA 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | |
| NVG | | | | | | | | | | | | | | | |
| CLD/SHA | | | | | | | | | | | | | | | |
| Blue Oak | | | | | | | | | | | | | | | |
| Foothil Pine | | | | | | | | | | | _ | | | | |
| LDVC | Blue Oak / | | | | | | | | | | | | | | |
| MOVC | Foothill Pine | | | | | | | | | | | | | | |
| SDVC | | | | | | | | | | | | | | | |
| NCH | | | | | | | | | | | | | | | |
| SIVC 0 | | | | | | | | | | | | | | | |
| MIVC | | | | | | | | | | | | | | | |
| LIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | |
| NVG | | | | | | | | | | | | | | | |
| CLD/SHA | | | | | | | | | | | | | | | |
| TOTAL 0 36 0 0 1,188 0 0 0 0 32 0 22 0 84,728 86,000 Montane Hardwoods LDVC 0 0 0 0 0 120 0 0 0 0 117 0 0 0 0 1,644 3,135 SDVC 0 55 0 0 833 0 0 0 0 0 0 1,264 2,179 NCH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | |
| Montane Hardwoods LDVC 0 0 0 0 0 33 0 0 0 387 540 MDVC 0 14 0 0 1,360 0 0 0 117 0 0 0 1,644 3,135 SDVC 0 55 0 0 333 0 0 0 0 1,644 3,135 NCH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | _ | | | | | _ | | | | |
| Hardwoods | TOTAL | 0 | 36 | 0 | 0 | 1,188 | 0 | 0 | 0 | 32 | 0 | 22 | 0 | 84,728 | 86,006 |
| LDVC | | | | | | | | | | | | | | | |
| MDVC | | 0 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 397 | 540 |
| SDVC O S55 O O 833 O O O 27 O O O 1,264 2,179 | | | | | | | | | | | | | | | |
| NCH 0 0 0 0 0 0 0 0 0 0 0 88,440 88,440 88,440 SIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | |
| SIVC 0 0 0 0 0 0 0 197 0 5,249 5,446 MIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | |
| MIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 344 0 10,250 10,594 LIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 66 0 767 833 NVG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 488 488 | | | | | | | | | | | | | | | |
| LIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 66 0 767 833 NVG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | |
| NVG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | |
| CLD/SHA 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12,483 12,483 TOTAL 0 69 0 0 2,313 0 0 0 177 0 607 0 120,972 124,138 TOTAL LDVC 0 4 0 0 120 0 0 40 0 0 514 678 MDVC 0 44 0 0 1,992 0 0 0 0 0 0 2,380 4,553 SDVC 0 91 0 0 878 0 0 0 0 0 3,083 4,130 NCH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 194,816 194,816 594,816 | | | | | | | | | | | | | | | |
| TOTAL TOTAL LDVC 0 4 0 0 120 0 0 0 0 137 0 0 0 0 0 514 678 MDVC 0 44 0 0 0 1,992 0 0 0 0 137 0 0 0 0 0 2,380 4,553 SDVC 0 91 0 0 878 0 0 0 78 0 0 0 0 3,083 4,130 NCH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 194,816 194,816 SIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 194,816 194,816 SIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | 0 | 0 | | | | |
| LDVC 0 4 0 0 120 0 0 40 0 0 514 678 MDVC 0 44 0 0 1,992 0 0 0 137 0 0 0 2,380 4,553 SDVC 0 91 0 0 878 0 0 78 0 0 0 0 3,083 4,130 NCH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,348 1,418 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | TOTAL | 0 | 69 | 0 | 0 | 2,313 | 0 | 0 | 0 | 177 | 0 | 607 | 0 | | |
| MDVC 0 44 0 0 1,992 0 0 0 137 0 0 0 2,380 4,553 SDVC 0 91 0 0 878 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>TOTAL</td> <td></td> | TOTAL | | | | | | | | | | | | | | |
| SDVC 0 91 0 0 878 0 0 0 78 0 0 0 3,083 4,130 NCH 0 0 0 0 0 0 0 0 0 0 0 0 194,816 194,816 194,816 194,816 SIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 </td <td></td> <td>0</td> <td>4</td> <td>0</td> <td>0</td> <td>120</td> <td>0</td> <td>0</td> <td>0</td> <td>40</td> <td>0</td> <td>0</td> <td>0</td> <td>514</td> <td></td> | | 0 | 4 | 0 | 0 | 120 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 514 | |
| NCH 0 0 0 0 0 0 0 0 194,816 194,816 194,816 SIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>MDVC</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>1,992</td> <td>0</td> <td>0</td> <td>0</td> <td>137</td> <td>0</td> <td>0</td> <td>0</td> <td>2,380</td> <td>4,553</td> | MDVC | 0 | | 0 | 0 | 1,992 | 0 | 0 | 0 | 137 | 0 | 0 | 0 | 2,380 | 4,553 |
| SIVC 0 0 0 0 0 0 0 0 331 0 10,268 10,599 MIVC 0 0 0 0 0 0 0 0 0 22,450 23,273 LIVC 0 0 0 0 0 0 0 0 22,450 23,273 LIVC 0 0 0 0 0 0 0 453 0 1,737 2,190 NVG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | SDVC | 0 | 91 | 0 | 0 | 878 | 0 | 0 | 0 | 78 | 0 | | 0 | 3,083 | 4,130 |
| MIVC 0 0 0 0 0 0 0 0 823 0 22,450 23,273 LIVC 0 0 0 0 0 0 0 0 453 0 1,737 2,190 NVG 0 0 0 0 0 0 0 0 0 0 6,627 7,722 CLD/SHA 0 0 0 0 0 0 0 0 0 0 0 21,730 21,730 | NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194,816 | 194,816 |
| LIVC 0 0 0 0 0 0 0 0 453 0 1,737 2,190 NVG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 6,627 7,722 CLD/SHA 0 0 0 0 0 0 0 0 0 0 0 0 21,730 21,730 | | | | | | | | | | | | | | | |
| NVG 0 0 0 0 1,095 0 0 0 0 0 0 0 0 6,627 7,722 CLD/SHA 0 0 0 0 0 0 0 0 0 0 0 21,730 21,730 | | | | | | _ | | | | 0 | 0 | | | | |
| CLD/SHA 0 0 0 0 0 0 0 0 0 0 0 0 21,730 21,730 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| TOTAL 0 139 0 0 4,085 0 0 0 255 0 1,607 0 263,607 269,693 | | | | | | | | | | | | | | | |
| | TOTAL | 0 | 139 | 0 | 0 | 4,085 | 0 | 0 | 0 | 255 | 0 | 1,607 | 0 | 263,607 | 269,693 |

Section 3: National Forest Level

Table 3-1 Acres of Classified Change by Lifeform Type and National Forest

| | I | | Ī | | Ī | | Ī | | 1 | |
|----------|----------|-----|-----------|-----|-----------|-----|-----------|-----|-----------|-----|
| | Stanisla | aus | Sierra | l | Sequo | ia | Inyo | | All Fores | sts |
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| Conifer | | | | | | | | | | |
| LDVC | 5,659 | 1 | 0 | 0 | 0 | 0 | 434 | 0 | 6,093 | 0 |
| MDVC | 8,541 | 1 | 4,457 | 0 | 1,559 | 0 | 2,210 | 0 | 16,767 | 1 |
| SDVC | 14,100 | 2 | 16,813 | 2 | 3,421 | 0 | 601 | 0 | 34,935 | 1 |
| NCH | 517,357 | 76 | 869,770 | 91 | 575,765 | 82 | 702,521 | 97 | 2,665,412 | 88 |
| SIVC | 42,108 | 6 | 17,412 | 2 | 23,439 | 3 | 9,859 | 1 | 92,818 | 3 |
| MIVC | 31,010 | 5 | 7,053 | 1 | 5,652 | 1 | 2,971 | 0 | 46,686 | 2 |
| LIVC | 4,643 | 1 | 329 | 0 | 74 | 0 | 577 | 0 | 5,623 | 0 |
| NVG | 1,345 | 0 | 1,290 | 0 | 70 | 0 | 509 | 0 | 3,214 | 0 |
| CLD/SHA | 60,421 | 9 | 34,312 | 4 | 91,241 | 13 | 1,882 | 0 | 187,856 | 5 |
| TOTAL | 685,183 | 100 | 951,436 | 100 | 701,220 | 100 | 721,565 | 100 | 3,059,404 | 100 |
| | | | | | | | | | | |
| Hardwood | | | | | | | | | | |
| LDVC | 667 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 667 | 0 |
| MDVC | 1,468 | 1 | 2,889 | 1 | 1,170 | 0 | 1 | 0 | 5,527 | 1 |
| SDVC | 1,200 | 1 | 10,390 | 3 | 1,864 | 1 | 6 | 0 | 13,458 | 2 |
| NCH | 62,701 | 54 | 299,483 | 73 | 186,645 | 76 | 9,048 | 94 | 557,876 | 72 |
| SIVC | 13,676 | 12 | 53,105 | 13 | 13,139 | 5 | 334 | 3 | 80,252 | 10 |
| MIVC | 21,703 | 19 | 14,832 | 4 | 528 | 0 | 99 | 1 | 37,163 | 5 |
| LIVC | 1,698 | 1 | 1,703 | 0 | 35 | 0 | 0 | 0 | 3,434 | 0 |
| NVG | 353 | 0 | 2,599 | 1 | 45 | 0 | 2 | 0 | 2,997 | 0 |
| CLD/SHA | 11,832 | 10 | 23,613 | 6 | 42,465 | 17 | 130 | 1 | 78,029 | 10 |
| TOTAL | 115,293 | 100 | 408,610 | 100 | 245,888 | 100 | 9,621 | 100 | 779,403 | 100 |
| Shrub | | | | | | | | | - | |
| LDVC | 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 0 |
| MDVC | 372 | 0 | 117 | 0 | 280 | 0 | 465 | 0 | 1,234 | 0 |
| SDVC | 2,003 | 2 | 738 | 2 | 132 | 0 | 258 | 0 | 3,131 | 0 |
| NCH | 74,070 | 61 | 26,076 | 65 | 109,177 | 87 | 776,821 | 90 | 986,144 | 85 |
| SIVC | 19,391 | 16 | 9,198 | 23 | 10,808 | 9 | 56,758 | 7 | 96,155 | 8 |
| MIVC | 17,011 | 14 | 1,217 | 3 | 1,404 | 1 | 15,248 | 2 | 34,880 | 3 |
| LIVC | 1,892 | 2 | 812 | 2 | 49 | 0 | 898 | 0 | 3,651 | 0 |
| NVG | 612 | 1 | 201 | 1 | 11 | 0 | 14,423 | 2 | 15,247 | 1 |
| CLD/SHA | 5,685 | 5 | 1,727 | 4 | 3,227 | 3 | 2,945 | 0 | 13,584 | 1 |
| TOTAL | 121,155 | 100 | 40,085 | 100 | 125,088 | 100 | 867,815 | 100 | 1,154,143 | 100 |
| | | | | | | | | | | |
| TOTAL | 921,631 | | 1,400,131 | | 1,072,196 | | 1,599,001 | | 4,992,950 | |

Table 3-2 Acres of Classified Change by Conifer Cover Type and National Forest

| | Stanisla | us | Sierra | | Sequ | oia | Inyo | | All Fore | ests |
|-----------------------|----------|-----|---------|-----|---------|-----|---------|-----|-----------|------|
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| Ponderosa Pine | | | | | | | | | | |
| LDVC | 3,321 | 2 | 0 | 0 | 0 | 0 | 0 | | 3,321 | 1 |
| MDVC | 2,719 | 2 | 1,478 | 1 | 277 | 0 | 0 | | 4,474 | 1 |
| SDVC | 3,757 | 2 | 5,350 | 3 | 1,277 | 2 | 0 | | 10,384 | 3 |
| NCH | 87,101 | 57 | 147,915 | 87 | 56,852 | 73 | 0 | | 291,870 | 74 |
| SIVC | 13,202 | 9 | 3,660 | 2 | 3,267 | 4 | 0 | | 20,130 | 5 |
| MIVC | 16,876 | 11 | 1,394 | 1 | 914 | 1 | 0 | | 19,184 | 5 |
| LIVC | 1,216 | 1 | 66 | 0 | 12 | 0 | 0 | | 1,294 | 0 |
| NVG | 325 | 0 | 439 | 0 | 31 | 0 | 0 | | 795 | 0 |
| CLD/SHA | 24,290 | 16 | 10,064 | 6 | 15,629 | 20 | 0 | | 49,984 | 11 |
| TOTAL | 152,807 | 100 | 170,367 | 100 | 78,259 | 100 | 0 | 0 | 401,436 | 100 |
| Jeffrey Pine | | | | | | | | | | |
| LDVC | 2 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 8 | 0 |
| MDVC | 3 | 0 | 12 | 0 | 367 | 0 | 0 | 0 | 382 | 0 |
| SDVC | 48 | 0 | 538 | 2 | 66 | 0 | 180 | 0 | 831 | 0 |
| NCH | 11,051 | 91 | 34,628 | 97 | 90,547 | 88 | 97,347 | 98 | 233,574 | 93 |
| SIVC | 734 | 6 | 116 | 0 | 1,134 | 1 | 1,141 | 1 | 3,125 | 1 |
| MIVC | 56 | 0 | 73 | 0 | 1 | 0 | 216 | 0 | 347 | 0 |
| LIVC | 1 | 0 | 0 | 0 | 5 | 0 | 57 | 0 | 63 | 0 |
| NVG | 4 | 0 | 50 | 0 | 0 | 0 | 6 | 0 | 60 | 0 |
| CLD/SHA | 257 | 2 | 235 | 1 | 10,965 | 11 | 61 | 0 | 11,519 | 5 |
| TOTAL | 12,156 | 100 | 35,652 | 100 | 103,086 | 100 | 99,014 | 100 | 249,909 | 100 |
| Lodgepole Pine | | | | | | | | | | |
| LDVC | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| MDVC | 20 | 0 | 4 | 0 | 6 | 0 | 6 | 0 | 35 | 0 |
| SDVC | 224 | 1 | 71 | 0 | 20 | 0 | 91 | 0 | 406 | 0 |
| NCH | 21,343 | 83 | 17,365 | 97 | 12,265 | 94 | 82,751 | 99 | 133,725 | 95 |
| SIVC | 2,632 | 10 | 242 | 1 | 216 | 2 | 522 | 1 | 3,612 | 3 |
| MIVC | 240 | 1 | 52 | 0 | 22 | 0 | 88 | 0 | 401 | 0 |
| LIVC | 1 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 23 | 0 |
| NVG | 95 | 0 | 5 | 0 | 5 | 0 | 26 | 0 | 131 | 0 |
| CLD/SHA | 1,048 | 4 | 190 | 1 | 572 | 4 | 37 | 0 | 1,846 | 1 |
| TOTAL | 25,622 | 100 | 17,929 | 100 | 13,105 | 100 | 83,542 | 100 | 140,198 | 100 |
| Sierran Mixed Conifer | | | | | | | | | | |
| LDVC | 1,786 | 1 | 0 | 0 | 0 | 0 | 254 | 1 | 2,040 | 0 |
| MDVC | 5,041 | 1 | 2,819 | 1 | 720 | 0 | 1,715 | 5 | 10,294 | 1 |
| SDVC | 9,001 | 3 | 9,163 | 3 | 1,523 | 1 | 286 | 1 | 19,973 | 2 |
| NCH | 269,886 | 77 | 298,662 | 88 | 210,444 | 76 | 30,843 | 91 | 809,821 | 81 |
| SIVC | 19,638 | 6 | 7,488 | 2 | 15,066 | 5 | 264 | 1 | 42,455 | 4 |
| MIVC | 13,321 | 4 | 3,528 | 1 | 4,200 | 2 | 54 | 0 | 21,101 | 2 |
| LIVC | 3,411 | 1 | 215 | 0 | 53 | 0 | 3 | 0 | 3,670 | 0 |
| NVG | 765 | 0 | 123 | 0 | 20 | 0 | 12 | 0 | 920 | 0 |
| CLD/SHA | 29,196 | 8 | 17,662 | 5 | 43,360 | 16 | 491 | 1 | 90,709 | 9 |
| TOTAL | 352,046 | 100 | 339,662 | 100 | 275,384 | 100 | 33,923 | 100 | 1,000,983 | 100 |
| Sub-alpine Conifer | | | | | | | | | | |
| LDVC | 6 | 0 | 0 | 0 | 0 | | 0 | 0 | 6 | 0 |
| MDVC | 2 | 0 | 1 | 0 | 0 | | 40 | 0 | 44 | 0 |
| SDVC | 49 | 1 | 498 | 0 | 0 | | 0 | 0 | 547 | 0 |
| NCH | 7,797 | 89 | 211,875 | 97 | 0 | | 148,033 | 99 | 367,708 | 97 |
| SIVC | 450 | 5 | 1,802 | 1 | 0 | | 916 | 1 | 3,168 | 1 |
| MIVC | 17 | 0 | 518 | 0 | 0 | | 325 | 0 | 859 | 0 |
| LIVC | 0 | 0 | 14 | 0 | 0 | | 163 | 0 | 177 | 0 |
| NVG | 44 | 1 | 584 | 0 | 0 | | 426 | 0 | 1,053 | 0 |
| CLD/SHA | 349 | 4 | 3,210 | 1 | 0 | | 287 | 0 | 3,847 | 1 |
| TOTAL | 8,713 | 100 | 218,503 | 100 | 0 | 0 | 150,190 | 100 | 377,408 | 100 |
| | -, 5 | | , | | | 1 | ,3 | | , | |

Table 3-2 Acres of Classified Change by Conifer Cover Type and National Forest (Continued)

| Douglas Fir' | | Stanisla | ius | Sierra | ı | Sequo | oia | Inyo | | All Fores | sts |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------|-----|----------|---|---------|-----|---------|---|-------------------|-----|
| Douglas Fir | | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| MDVC | uglas Fir ¹ | | | | | | | | | | |
| SDVC | LDVC | 0 | | 0 | | 0 | | 0 | | 0 | |
| SDVC | MDVC | 0 | | 0 | | 0 | | 0 | | 0 | |
| SIVC | | 0 | | 0 | | 0 | | 0 | | 0 | |
| SIVC | NCH | 0 | | 0 | | 0 | | 0 | | 0 | |
| LIVC | | 0 | | 0 | | 0 | | 0 | | 0 | |
| LIVC | MIVC | 0 | | 0 | | 0 | | 0 | | 0 | |
| NVG CLD/SHA O CLD/SHA O O O O O O O O O O O O O O O O O O O | | 0 | | 0 | | 0 | | 0 | | 0 | |
| TOTAL | | | | | | | | | | 0 | |
| TOTAL | | | | | | | | | | 0 | |
| LDVC | | | 0 | | 0 | | 0 | | 0 | 0 | C |
| LDVC | ite Fir ¹ | | | | | | | | | | |
| MDVC | | | | n | | Λ | | n | | 0 | |
| SDVC | | | | | | | | | | 0 | |
| NCH | | | | | | | | | | 0 | |
| SIVC | | | | | | | | | | 0 | |
| MIVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | 0 | |
| LIVC | | | | | | | | | | 0 | |
| NVG | | | | | | | | | | 0 | |
| CLD/SHA 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 170 1 6 6 MDVC 757 1 1444 0 52 0 240 1 1,1 1 1 434 0 40 0 2,6 NCH 120,179 90 159,323 94 114,094 83 24,788 97 418,3 SIVC 5,450 4 4,103 2 1,827 1 88 0 11,4 MIVC 499 0 1,488 1 499 0 40 0 2,5 LIVC1403404010 0 1 0 0 1 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> | | | | | | | | | | 0 | |
| TOTAL 0 0 0 0 0 0 0 0 Red Fir ILDVC 526 0 0 0 0 0 170 1 6 MDVC 757 1 1444 0 52 0 240 1 1,1 SDVC 1,021 1 1,191 1 434 0 40 0 2,6 NCH 120,179 90 159,323 94 114,094 83 24,788 97 418,3 SIVC 5,450 4 4,103 2 1,827 1 88 0 11,4 MIVC 499 0 1,488 1 499 0 40 0 2,5 LIVC 14 0 34 0 4 0 1 0 NVG 112 0 88 0 14 0 4 0 2 2 LIVC | | | | | | | | | | 0 | |
| LDVC | | | 0 | | 0 | | 0 | | 0 | 0 | 0 |
| LDVC | . =: | | | | | | | | | | |
| MDVC | | F26 | 0 | 0 | 0 | 0 | 0 | 170 | 1 | 607 | |
| SDVC | | | | | | | | | | 697 | 0 |
| NCH 120,179 90 159,323 94 114,094 83 24,788 97 418,3 SIVC 5,450 4 4,103 2 1,827 1 88 0 11,4 MIVC 499 0 1,488 1 499 0 40 0 2,5 LIVC 14 0 34 0 4 0 1 0 NVG 112 0 88 0 14 0 4 0 2 CLD/SHA 5,282 4 2,950 2 20,249 15 183 1 28,6 TOTAL 133,839 100 169,322 100 137,174 100 25,555 100 465,8 Pinyon – Juniper LDVC 0 0 0 0 0 0 0 3 SDVC 0 0 0 137 0 0 1 1 0 1 < | | | | | | | | | | | |
| SIVC 5,450 4 4,103 2 1,827 1 88 0 11,4 MIVC 499 0 1,488 1 499 0 40 0 2,5 LIVC 14 0 34 0 4 0 1 0 0 1 0 0 1 0 0 0 1 0 0 2 2 20,249 15 183 1 28,6 28,6 4 2,950 2 20,249 15 183 1 28,6 3 1 28,6 3 1 28,6 3 1 28,6 3 1 28,6 3 1 28,6 3 1 28,6 3 3 1 28,6 3 4 3 3 1 28,6 3 3 1 28,6 3 4 3 3 1 28,6 3 3 4 3 3 1 | | | | | | | | | | | 90 |
| MIVC 499 0 1,488 1 499 0 40 0 2,5 LIVC 14 0 34 0 4 0 1 0 NVG 112 0 88 0 14 0 4 0 2 CLD/SHA 5,282 4 2,950 2 20,249 15 183 1 28,6 TOTAL 133,839 100 169,322 100 137,174 100 25,555 100 465,8 Pinyon – Juniper LDVC 0 0 0 0 0 0 0 465,8 0 0 0 0 0 465,8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | , | | , | | | |
| LIVC 14 0 34 0 4 0 1 0 NVG 112 0 88 0 14 0 4 0 2 CLD/SHA 5,282 4 2,950 2 20,249 15 183 1 28,6 TOTAL 133,839 100 169,322 100 137,174 100 25,555 100 465,8 Pinyon – Juniper LDVC 0 0 0 0 0 0 0 465,8 MDVC 0 0 0 0 0 0 0 0 0 0 465,8 SDVC 0 0 0 0 0 0 0 0 0 3 3 0 0 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 < | | | | | | | | | | | 2 |
| NVG 112 0 88 0 14 0 4 0 2 CLD/SHA 5,282 4 2,950 2 20,249 15 183 1 28,6 TOTAL 133,839 100 169,322 100 137,174 100 25,555 100 465,8 Pinyon – Juniper LDVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td></td> <td>1</td> | | | | | | | | | | | 1 |
| CLD/SHA 5,282 4 2,950 2 20,249 15 183 1 28,6 TOTAL 133,839 100 169,322 100 137,174 100 25,555 100 465,8 Pinyon – Juniper LDVC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | 53 218 | 0 |
| TOTAL 133,839 100 169,322 100 137,174 100 25,555 100 465,8 Pinyon – Juniper | | | | | | | | | | | 6 |
| LDVC 0 0 0 0 0 MDVC 0 0 137 0 0 3 SDVC 0 0 102 0 0 1 NCH 0 0 91,560 97 0 410,3 SIVC 0 0 1,929 2 0 8,8 MIVC 0 0 16 0 0 2,2 LIVC 0 0 0 0 3 NVG 0 0 1 0 0 CLD/SHA 0 0 465 0 0 1,2 TOTAL 0 0 0 94,210 100 0 0 423,5 | | | | | | | | | | 28,664 465,891 | 100 |
| LDVC 0 0 0 0 0 MDVC 0 0 137 0 0 3 SDVC 0 0 102 0 0 1 NCH 0 0 91,560 97 0 410,3 SIVC 0 0 1,929 2 0 8,8 MIVC 0 0 16 0 0 2,2 LIVC 0 0 0 0 3 NVG 0 0 1 0 0 CLD/SHA 0 0 465 0 0 423,5 TOTAL 0 0 0 94,210 100 0 0 423,5 | | | | , | | | | , | | , | |
| LDVC 0 0 0 0 0 MDVC 0 0 137 0 0 3 SDVC 0 0 102 0 0 1 NCH 0 0 91,560 97 0 410,3 SIVC 0 0 1,929 2 0 8,8 MIVC 0 0 16 0 0 2,2 LIVC 0 0 0 0 3 NVG 0 0 1 0 0 CLD/SHA 0 0 465 0 0 423,5 TOTAL 0 0 0 94,210 100 0 0 423,5 | von – Juniper | | | | | | | | | | |
| MDVC 0 0 137 0 0 3 SDVC 0 0 102 0 0 1 NCH 0 0 91,560 97 0 410,3 SIVC 0 0 1,929 2 0 8,8 MIVC 0 0 16 0 0 2,2 LIVC 0 0 0 0 0 3 NVG 0 0 1 0 0 1 CLD/SHA 0 0 465 0 0 1,2 TOTAL 0 0 0 94,210 100 0 0 423,5 | | 0 | | 0 | | 0 | 0 | 0 | | 4 | 0 |
| SDVC 0 0 102 0 0 1 NCH 0 0 91,560 97 0 410,3 SIVC 0 0 1,929 2 0 8,8 MIVC 0 0 16 0 0 2,2 LIVC 0 0 0 0 0 3 NVG 0 0 1 0 0 CLD/SHA 0 0 465 0 0 1,2 TOTAL 0 0 94,210 100 0 0 423,5 | | | | | | | | | | 345 | 0 |
| NCH 0 0 91,560 97 0 410,3 SIVC 0 0 1,929 2 0 8,8 MIVC 0 0 16 0 0 2,2 LIVC 0 0 0 0 0 3 NVG 0 0 1 0 0 CLD/SHA 0 0 465 0 0 1,2 TOTAL 0 0 94,210 100 0 0 423,5 | | | | | | | | | | 105 | C |
| SIVC 0 0 1,929 2 0 8,8 MIVC 0 0 16 0 0 2,2 LIVC 0 0 0 0 0 0 3 NVG 0 0 1 0 0 0 CLD/SHA 0 0 465 0 0 1,2 TOTAL 0 0 0 94,210 100 0 0 423,5 | | | | _ | | | | | | 410,315 | 97 |
| MIVC 0 16 0 0 2,2 LIVC 0 0 0 0 0 3 NVG 0 0 1 0 0 0 1 0 0 1 0 0 1,2 0 1,2 0 0 423,5 0 0 423,5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>SIVC</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8,857</td> <td>2</td> | SIVC | | | | | | | | | 8,857 | 2 |
| LIVC 0 0 0 0 0 3 NVG 0 0 1 0 0 CLD/SHA 0 0 465 0 0 1,2 TOTAL 0 0 0 94,210 100 0 0 423,5 | | | | | | | | | | 2,265 | 1 |
| NVG 0 0 1 0 0 CLD/SHA 0 0 465 0 0 1,2 TOTAL 0 0 0 94,210 100 0 0 423,5 | | | | | | | | | | 332 | (|
| CLD/SHA 0 0 465 0 0 1,2 TOTAL 0 0 0 0 94,210 100 0 0 423,5 | | | | | | | | | | 36 | 0 |
| TOTAL 0 0 0 0 94,210 100 0 0 423,5 | | | | _ | | | | | | 1,287 | |
| | | | 0 | | 0 | | | | 0 | 423,547 | 100 |
| TOTALS 685,183 951,436 701,220 721,565 3,059,4 | TALS | 685 183 | | 051 //26 | | 701 220 | | 721 565 | | 3,059,404 | |

¹ National Forest vegetation layers classify Douglas Fir and White Fir as Sierran Mixed Conifer because they are predominantly mixed with other conifer species in the Sierra.

Table 3-3 Acres of Classified Change by Hardwood Cover Type and National Forest

| | Stanisl | aus | Sie | rra | Sequo | oia | Inyo | | All Fore | ests |
|-----------------------------|---------|-----|---------|-----|---------|-----|-------|-----|----------|------|
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| Blue Oak Woodland | | | | | | | | | | |
| LDVC | 17 | 0 | 0 | 0 | 0 | 0 | 0 | | 17 | 0 |
| MDVC | 195 | 1 | 416 | 0 | 405 | 0 | 0 | | 1,016 | 0 |
| SDVC | 486 | 1 | 2,182 | 2 | 905 | 1 | 0 | | 3,573 | 1 |
| NCH | 15,076 | 40 | 66,878 | 58 | 72,870 | 82 | 0 | | 154,824 | 64 |
| SIVC | 7,169 | 19 | 27,541 | 24 | 5,515 | 6 | 0 | | 40,222 | 17 |
| MIVC | 12,274 | 33 | 9,559 | 8 | 276 | 0 | 0 | | 22,110 | 9 |
| LIVC | 997 | 3 | 1,089 | 1 | 12 | 0 | 0 | | 2,097 | 1 |
| NVG | 167 | 0 | 1,539 | 1 | 20 | 0 | 0 | | 1,726 | 1 |
| CLD/SHA | 1,016 | 3 | 5,686 | 5 | 8,771 | 10 | 0 | | 15,473 | 6 |
| TOTAL | 37,395 | 100 | 114,889 | 100 | 88,774 | 100 | 0 | 0 | 241,058 | 100 |
| Blue Oak / Foothill Pine | | | | | | | | | | |
| LDVC | 52 | 2 | 0 | 0 | 0 | 0 | 0 | | 52 | 0 |
| MDVC | 237 | 7 | 7 | 0 | 23 | 0 | 0 | | 267 | 1 |
| SDVC | 58 | 2 | 161 | 1 | 129 | 1 | 0 | | 346 | 1 |
| NCH | 1,742 | 51 | 4,825 | 42 | 15,572 | 75 | 0 | | 22,139 | 62 |
| SIVC | 178 | 5 | 1,289 | 11 | 1,592 | 8 | 0 | | 3,057 | 9 |
| MIVC | 842 | 25 | 407 | 4 | 87 | 0 | 0 | | 1,337 | 4 |
| LIVC | 56 | 2 | 18 | 0 | 3 | 0 | 0 | | 76 | 0 |
| NVG | 0 | 0 | 145 | 1 | 3 | 0 | 0 | | 148 | 0 |
| CLD/SHA | 228 | 7 | 4,562 | 40 | 3,305 | 16 | 0 | | 8,095 | 23 |
| TOTAL | 3,393 | 100 | 11,413 | 100 | 20,713 | 100 | 0 | 0 | 35,517 | 100 |
| Montane Hardwood | | | | | | | | | | |
| LDVC | 597 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 597 | 0 |
| MDVC | 1,036 | 1 | 2,466 | 1 | 742 | 1 | 1 | 0 | 4,244 | 1 |
| SDVC | 656 | 1 | 8,047 | 3 | 830 | 1 | 6 | 0 | 9,539 | 2 |
| NCH | 45,883 | 62 | 227,780 | 81 | 98,203 | 72 | 9,048 | 94 | 380,912 | 85 |
| SIVC | 6,330 | 8 | 24,276 | 9 | 6,032 | 4 | 334 | 3 | 36,972 | 8 |
| MIVC | 8,587 | 12 | 4,866 | 2 | 165 | 0 | 99 | 1 | 13,717 | 3 |
| LIVC | 645 | 1 | 596 | 0 | 20 | 0 | 0 | 0 | 1,260 | 0 |
| NVG | 186 | 0 | 915 | 0 | 22 | 0 | 2 | 0 | 1,124 | 0 |
| CLD/SHA | 10,588 | 14 | 13,365 | 5 | 30,389 | 22 | 130 | 1 | 54,463 | 0 |
| TOTAL | 74,506 | 100 | 282,309 | 100 | 136,401 | 100 | 9,621 | 100 | 502,828 | 100 |
| TOTAL | 115,293 | | 408,610 | | 245,888 | | 9,621 | | 779,403 | |

Table 3-4 Acres of Verified Change in the Stanislaus National Forest by Cause and Conifer Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|--------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|--------------|---------------|
| Ponderosa Pine | - | - | - | | | | | | | | | | | |
| LDVC | 2 | 0 | 0 | 0 | 2,0 75 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 3,321 |
| MDVC | 0 | 0 | 86 | 0 | 785 | 34 | 2 | 0 | 0 | 0 | 0 | 0 | 1,812 | 2,719 |
| SDVC | 83 | 0 | 113 | 0 | 115 | 46 | 14 | 0 | 0 | 0 | 0 | 0 | 3,386 | 3,757 |
| NCH | 0 | 0 | 0 | 0 | 995 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86,106 | 87,101 |
| SIVC | 0 | 0 | 0 | 0 | 11,940 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 1,158 | 13,202 |
| MIVC | 0 | 0 | 0 | 0 | 16,876 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,876 |
| LIVC | 0 | 0 | 0 | 0 | 1,216 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,216 |
| NVG | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 319 | 325 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,290 | 24,290 |
| TOTAL | 85 | 0 | 199 | 0 | 34,008 | 191 | 16 | 0 | 0 | 0 | 0 | 0 | 117,175 | 152,807 |
| | | | | | ,,,,,,, | - | | | - | | _ | | , | |
| Jeffrey Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 48 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,051 | 11,051 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 734 | 734 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 56 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 257 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,156 | 12,156 |
| | | | | | | | | | | | | | | |
| Lodgepole Pine | | | | | | _ | | | | | _ | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 18 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 224 | 224 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,343 | 21,343 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,632 240 | 2,632 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 240 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 95 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,048 | 1,048 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,622 | 25,622 |
| TOTAL | U | U | U | U | U | U | U | U | U | 0 | U | U | 25,022 | 25,022 |
| Sierran Mixed Conifer | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 201 | 0 | 1,374 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 189 | 1,786 |
| MDVC | 15 | 0 | 432 | 0 | 732 | 53 | 6 | 0 | 0 | 2 | 0 | 0 | 3,801 | 5,041 |
| SDVC | 103 | 0 | 899 | 0 | 206 | 147 | 59 | 0 | 0 | 52 | 0 | 0 | 7,535 | 9,001 |
| NCH | 0 | 0 | 0 | 0 | 1,081 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 268,805 | 269,886 |
| SIVC | 0 | 0 | 6 | 0 | 7,651 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,981 | 19,638 |
| MIVC | 0 | 0 | 0 | 0 | 12,783 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 538 | 13,321 |
| LIVC | 0 | 0 | 0 | 0 | 3,285 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 | 3,411 |
| NVG | 0 | 0 | 1 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 748 | 765 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29,196 | 29,196 |
| TOTAL | 118 | 0 | 1,539 | 0 | 27,128 | 222 | 65 | 0 | 0 | 54 | 0 | 0 | 322,082 | 352,046 |
| - | | | | | | | | | | i | | | | |

Table 3-4 Acres of Verified Change in the Stanislaus National Forest by Cause and Conifer Cover Type (Continued)

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|-------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| | | | | | | | | | | | | | | |
| Sub-alpine | | | | | | | | | | | | | | İ |
| Conifer | | | | | | | _ | | | | 0 | 0 | | _ |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 2 |
| MDVC | 0 | | 0 | 0 | | | 0 | 0 | | 0 | | 0 | 2 | |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 49 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,797 | 7,797 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 450 | 450 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 17 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 44 |
| CLD/S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 349 | 349 |
| HA | | | | | | | | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,713 | 8,713 |
| Douglas | | | | | | | | | | | | | | |
| Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDVC | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CLD/S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HA | | | | | | | | | | | | • | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| White | | | | | | | | | | | | | | |
| Fir | | _ | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CLD/S HA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | |
| Red Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 91 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 526 |
| MDVC | 0 | 0 | 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 627 | 757 |
| SDVC | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 921 | 1,021 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120,179 | 120,179 |
| SIVC | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,448 | 5,450 |
| MIVC | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 498 | 499 |
| LIVC | | 0 | | | 0 | | | 0 | | | | | | |
| | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | 14 | 14 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 112 | 112 |
| CLD/S HA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,282 | 5,282 |
| TOTAL | 0 | 0 | 324 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 133,510 | 133,839 |
| · | | | | | l | · · | 1 | 1 | | | | | 1 | 1 |

Table 3-4 Acres of Verified Change in the Stanislaus National Forest by Cause and Conifer Cover Type (Continued)

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|---------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| Pinyon – Juniper | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CLD/S HA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | |
| LDVC | 2 | 0 | 292 | 0 | 2,869 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 2,467 | 5,659 |
| MDVC | 15 | 0 | 648 | 0 | 2,102 | 87 | 8 | 0 | 0 | 2 | 0 | 0 | 5,679 | 8,541 |
| SDVC | 186 | 0 | 1,112 | 0 | 321 | 193 | 73 | 0 | 0 | 52 | 0 | 0 | 12,163 | 14,100 |
| NCH | 0 | 0 | 0 | 0 | 2,076 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 515,281 | 517,357 |
| SIVC | 0 | 0 | 8 | 0 | 19,591 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 22,405 | 42,108 |
| MIVC | 0 | 0 | 1 | 0 | 29,659 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,350 | 31,010 |
| LIVC | 0 | 0 | 0 | 0 | 4,501 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 142 | 4,643 |
| NVG | 0 | 0 | 1 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,322 | 1,345 |
| CLD/S HA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60,421 | 60,421 |
| TOTAL | 203 | 0 | 2,061 | 0 | 61,141 | 413 | 82 | 0 | 0 | 54 | 0 | 0 | 621,229 | 685,183 |
| | | | | | | | | | | | | | | |

Table 3-5 Acres of Verified Change in the Sierra National Forest by Cause and Conifer Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|--------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|--------------------------------------------------|
| Ponderosa | | 1 | | | | | | | | | | | | |
| Pine | | | | | | | | | | | | | | İ |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 52 | 754 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 672 | 1,478 |
| SDVC | 0 | 0 | 111 | 145 | 297 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 4,734 | 5,350 |
| NCH | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147,911 | 147,915 |
| SIVC | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,659 | 3,660 |
| MIVC | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,392 | 1,394 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 66 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 439 | 439 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,064 | 10.064 |
| TOTAL | 0 | 0 | 114 | 197 | 1,055 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 168,938 | 170,367 |
| Jeffrey Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 1 | 12 | 12 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 538 | 538 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 34,628 | 34,628 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 116 | 116 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 | 73 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50 | 50 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 235 | 235 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35,652 | 35,652 |
| TOTAL | 0 | 0 | 0 | U | U | 0 | U | U | 0 | 0 | U | ų , | 33,032 | 33,032 |
| Lodgepole Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 4 | 4 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 71 | 71 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 17,365 | 17,365 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 242 | 242 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 52 | 52 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 5 | 5 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 190 | 190 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 17,929 | 17,929 |
| Sierran Mixed Conifer | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 1,117 | 12 | 940 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 704 | 2,819 |
| SDVC | 0 | 0 | 1,025 | 4 | 956 | 1,195 | 0 | 0 | 0 | 0 | 0 | 0 | 5,981 | 9,161 |
| NCH | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 296,562 | 296,586 |
| SIVC | 0 | 0 | 0 | 0 | 1 | 123 | 0 | 0 | 0 | 0 | 0 | 0 | 7,157 | 7,281 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,497 | 3,497 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 215 | 215 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 | 123 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,624 | 17,624 |
| TOTAL | 0 | 0 | 2,142 | 16 | 1,921 | 1,364 | 0 | 0 | 0 | 0 | 0 | 0 | 331,865 | 337,308 |
| | Ť | Ť | _, | ,,, | ., | .,,501 | Ť | Ť | Ť | Ť | - | | ,-30 | , |

Table 3-5 Acres of Verified Change in the Sierra National Forest by Cause and Conifer Cover Type (Continued)

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regener- ation | Other | Unknown | All Causes |
|----------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| | | | | | | | | | | | | | | |
| Sub-alpine | | | | | | | | | | | | | | |
| Conifer | | | | | | | _ | | | | | ^ | 0 | |
| LDVC MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 0 | 0 |
| | | 0 | | 0 | 0 | 0 | | | | | | | 1 | |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 500 | 500 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 213,951 | 213,951 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 2,009 | 2,009 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 549 | 549 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 14 | 14 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 584 | 584 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 3,248 | 3,248 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 220,857 | 220,857 |
| Douglas Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | U | 0 | U | | 0 | 0 | 0 | 0 |
| White Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| Red Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 39 | 0 | 5 | 0 | 0 | | 0 | | 0 | 0 | 100 | 144 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 1,188 | 1,191 |
| NCH | 0 | 0 | 0 | 0 | 3 | 0 | 0 | | 0 | | 0 | 0 | | |
| SIVC | 0 | | | | | | | 0 | | | | | 159,323 | 159,323 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | - | 0 | 0 | 4,103 | 4,103 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | - | 0 | 0 | 1,488 | 1,488 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 34 | 34 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | ļ | 0 | 0 | 88 | 88 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 2,950 | 2,950 |
| TOTAL | 0 | 0 | 39 | 0 | 8 | 0 | 0 | 0 | 0 | | 0 | 0 | 169,322 | 169,322 |
| | | | 1 | 1 | l | | 1 | l | 1 | ĺ | l | | | |

Table 3-5 Acres of Verified Change in the Sierra National Forest by Cause and Conifer Cover Type (Continued)

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|---------------------|----------|-----------------------------------|-----------|--------------------|-----------------------------------------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| | | | | | | | | | | | | | | |
| Pinyon – Juniper | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| TOTAL | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 1,156 | 64 | 1,699 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 1,493 | 4,457 |
| SDVC | 0 | 0 | 1,136 | 149 | 1,253 | 1,258 | 0 | 0 | 0 | 0 | 0 | 0 | 13,017 | 16,813 |
| NCH | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 869,740 | 869,770 |
| SIVC | 0 | 0 | 1 | 0 | 1 | 123 | 0 | 0 | 0 | 0 | 0 | 0 | 17,288 | 17,412 |
| MIVC | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,050 | 7,053 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 329 | 329 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,290 | 1,290 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34,312 | 34,312 |
| TOTAL | 0 | 0 | 2,295 | 213 | 2,983 | 1,427 | 0 | 0 | 0 | 0 | 0 | 0 | 944,518 | 951,436 |
| | | | , , , , , | | , , , , , , , , , , , , , , , , , , , , | , | | | | | | | , , | |

Table 3-6 Acres of Verified Change in the Sequoia National Forest by Cause and Conifer Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|--------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|-----------------|-----------------|
| Ponderosa Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 27 | 42 | 116 | 0 | 92 | 0 | 0 | 0 | 0 | 0 | 277 |
| SDVC | 0 | 0 | 0 | 125 | 426 | 116 | 0 | 82 | 0 | 89 | | | 539 | 1,277 |
| | | | | | 177 | | | | | | 0 | 0 | | |
| NCH SIVC | 0 | 0 | 0 | 0 | 1,606 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 56,675 1,647 | 56,852 3,267 |
| MIVC | | | | | | | | | | | | | | |
| LIVC | 0 | 0 | 0 | 0 | 732 | 5 | 0 | 0 | 0 | 0 | 20 | 0 | 157 0 | 914 12 |
| NVG | | 0 | | 0 | 12 | 0 | | 0 | 0 | 0 | 0 | 0 | 28 | 31 |
| | 0 | | 0 | | 3 | | 0 | | | | | 0 | | |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 15,628 | 15,629 |
| TOTAL | 0 | 0 | 0 | 152 | 3,002 | 137 | 0 | 174 | 0 | 89 | 35 | 0 | 74,670 | 78,259 |
| Jeffrey | | | | | | | | | | | | | | |
| Pine | _ | _ | | | | _ | | | | | | | _ | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 101 | 0 | 42 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 197 | 367 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 51 | 66 |
| NCH | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90,536 | 90,547 |
| SIVC | 0 | 0 | 0 | 0 | 29 | 558 | 0 | 0 | 0 | 0 | 0 | 0 | 547 | 1,134 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,965 | 10,965 |
| TOTAL | 0 | 0 | 101 | 0 | 82 | 558 | 0 | 0 | 0 | 27 | 0 | 15 | 102,301 | 103,086 |
| Lodgepole Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,265 | 12,265 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 216 | 216 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 22 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 572 | 572 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,105 | 13,105 |
| Sierran Mixed Conifer | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 109 | 2 | 0 | 110 | 0 | 187 | 0 | 37 | 0 | 0 | 275 | 720 |
| SDVC | 0 | 0 | 198 | 136 | 0 | 0 | 0 | 102 | 0 | 43 | 0 | 0 | 1,044 | 1,523 |
| NCH | 0 | 0 | 0 | 0 | 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210,329 | 210,444 |
| SIVC | 0 | 0 | 103 | 0 | 8.108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,855 | 15,066 |
| MIVC | 0 | 0 | 92 | 0 | 3,064 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.044 | 4,200 |
| LIVC | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 53 |
| NVG | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 20 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43,360 | 43,360 |
| TOTAL | 0 | 0 | 503 | 138 | 11,297 | 110 | 0 | 289 | 0 | 80 | 0 | 0 | 262,967 | 275,384 |
| TOTAL | † | <u> </u> | 000 | 100 | 11,201 | 110 | | 255 | , | - 50 | l | | 202,007 | 210,00 |

Table 3-6 Acres of Verified Change in the Sequoia National Forest by Cause and Conifer Cover Type (Continued)

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|--------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|--------------------------------------------------|---------|---------------|
| Sub-alpine | | | | | | | | | | | | | | |
| Conifer | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - 1 | 0 | 0 |
| Douglas | | | | | | | | | | | | | | |
| Fir LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <u> </u> | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <u> </u> | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <u> </u> | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <u> </u> | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| TOTAL | U | 0 | 0 | 0 | U | 0 | 0 | U | 0 | U | 0 | | 0 | U |
| White Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 |
| Red Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 52 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 418 | 434 |
| NCH | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 114,073 | 114,094 |
| SIVC | 0 | 0 | 8 | 0 | 549 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,270 | 1,827 |
| MIVC | 0 | 0 | 48 | 0 | 209 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 242 | 499 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 14 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.249 | 20,249 |
| TOTAL | 0 | 0 | 56 | 0 | 779 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 136,323 | 137,174 |
| 101/12 | - | , · | 30 | | 173 | | H | 10 | | | | _ <u> </u> | 100,020 | 707,174 |

Table 3-6 Acres of Verified Change in the Sequoia National Forest by Cause and Conifer Cover Type (Continued)

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|-----------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| - D: | | | | | | | | | | | | | | |
| Pinyon – | | | | | | | | | | | | | | |
| Juniper LDVC | | | 0 | 0 | 0 | | _ | 0 | _ | _ | _ | _ | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 27 | 0 | 0 | 0 | 0 | 137 | 137 |
| SDVC | 0 | 0 | 0 | 0 | 39 | 0 | 0 | | 0 | 0 | 0 | 0 | 75 | 102 |
| NCH | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,521 | 91,560 |
| SIVC | 0 | 0 | 0 | 0 | 489 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,440 | 1,929 16 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 0 | 0 |
| NVG | | | | | | | | | | | 0 | | 1 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 465 | 465 |
| CLD/S HA | 0 | " | U | 0 | 0 | U | 0 | U | 0 | U | 0 | 0 | 400 | 400 |
| TOTAL | 0 | 0 | 0 | 0 | 528 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 93,655 | 94,210 |
| | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 210 | 28 | 84 | 226 | 0 | 279 | 0 | 64 | 0 | 0 | 670 | 1,559 |
| SDVC | 0 | 0 | 198 | 261 | 426 | 16 | 0 | 211 | 0 | 132 | 0 | 15 | 2,162 | 3,421 |
| NCH | 0 | 0 | 0 | 0 | 363 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 575,402 | 575,765 |
| SIVC | 0 | 0 | 111 | 0 | 10,781 | 558 | 0 | 0 | 0 | 0 | 14 | 0 | 11,974 | 23,439 |
| MIVC | 0 | 0 | 140 | 0 | 4,005 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 1,487 | 5,652 |
| LIVC | 0 | 0 | 0 | 0 | 26 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 74 |
| NVG | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 70 |
| CLD/S HA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 91,240 | 91,241 |
| TOTAL | 0 | 0 | 660 | 289 | 15,690 | 805 | 0 | 490 | 0 | 196 | 35 | 15 | 681,905 | 701,220 |
| - | | | | | | | | | | | | | | |

Table 3-7 Acres of Verified Change in the Inyo National Forest Cause by Conifer Cover Type

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|--------------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| | | | | | | | | | | | | | | |
| Ponderosa | | | | | | | | | | | | | | ł |
| Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jeffrey Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 6 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 73 | 0 | 0 | 0 | 61 | 0 | 0 | 4 | 42 | 180 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97,347 | 97,347 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 7 | 1,113 | 1,141 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 16 | 187 | 216 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | 57 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 61 |
| TOTAL | 0 | 0 | 3 | 0 | 73 | 0 | 0 | 8 | 63 | 0 | 34 | 27 | 98,737 | 99,014 |
| | | | Ů | Ů | 10 | Ů | Ů | | | Ů | 01 | | 00,707 | 00,014 |
| Lodgepole Pine | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 | 91 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82,751 | 82,751 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 522 | 522 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 88 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 22 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 26 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 37 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 83,542 | 83,542 |
| Sierran Mixed Conifer | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 193 | 254 |
| MDVC | 0 | 0 | 69 | 0 | 1,523 | 0 | 0 | 64 | 0 | 0 | 0 | 2 | 57 | 1,715 |
| SDVC | 0 | 0 | 0 | 0 | 284 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 286 |
| NCH | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30,795 | 30,843 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 264 | 264 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 54 |
| LIVC | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 |
| NVG | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 12 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 491 | 491 |
| TOTAL | 0 | 0 | 69 | 0 | 1,912 | 0 | 0 | 56 | 0 | 0 | 0 | 8 | 31,878 | 33,923 |
| | <u> </u> | ľ | 30 | | .,012 | | | 30 | | Ů | • | Ū | 0.,070 | 00,020 |

Table 3-7 Acres of Verified Change in the Inyo National Forest by Cause and Conifer Cover Type (Continued)

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep. | Regene- ration | Other | Unknown | All Causes |
|-----------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|---------------|-------------------|-------|---------|---------------|
| Out time | | | | | | | | | | | | | | |
| Sub-apline Conifer | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148,033 | 148,033 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 916 | 916 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 325 | 325 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 163 | 163 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 426 | 426 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 287 | 287 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150,190 | 150,190 |
| TOTAL | 0 | 0 | U | 0 | U | 0 | U | 0 | U | U | U | 0 | 150,190 | 150,190 |
| Douglas Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| White | | | | | | | | | | | | | | |
| Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Red | 1 | | | | | | - | | - | | | | | |
| Fir | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140 | 170 |
| MDVC | 0 | 0 | 0 | 0 | 238 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 240 |
| SDVC | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| NCH | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,765 | 24,788 |
| SIVC | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 | 88 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 183 | 183 |
| TOTAL | 0 | 0 | 0 | 0 | 332 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,223 | 25,555 |
| | | İ | l | | | | ا ا | | <u> </u> | Ť | İ | l | | |

Table 3-7 Acres of Verified Change in the Inyo National Forest by Cause and Conifer Cover Type (Continued)

| | Thinning | Brushing for Fuel Reduction | Harvest | Salvage Harvest | Wildfire | Prescribed Burn | Fuel Break | Mortality | Develop- ment | Site Prep | Regene- ration | Other | Unknown | All Causes |
|---------------------|----------|-----------------------------------|---------|--------------------|----------|--------------------|---------------|-----------|------------------|--------------|-------------------|-------|---------|---------------|
| | | | | | | | | | | | | | | |
| Pinyon – Juniper | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| MDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| SDVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| NCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| SIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| LIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| NVG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 |
| TOTAL | | | | | | | | | | | | | | |
| LDVC | 0 | 0 | 3 | 0 | 85 | 0 | 0 | 0 | 2 | | 0 | 6 | 339 | 434 |
| MDVC | 0 | 0 | 0 | 0 | 1761 | 0 | 0 | 0 | 0 | | 0 | 2 | 447 | 2,210 |
| SDVC | 0 | 0 | 69 | 0 | 397 | 0 | 0 | 70 | 61 | | 0 | 4 | 0 | 601 |
| NCH | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | | 0 | 0 | 702,450 | 702,521 |
| SIVC | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 21 | 7 | 9,830 | 9,859 |
| MIVC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 13 | 16 | 2,942 | 2,971 |
| LIVC | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | 577 | 577 |
| NVG | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | 508 | 509 |
| CLD/SHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1,882 | 1,882 |
| TOTAL | 0 | 0 | 72 | 0 | 2315 | 0 | 0 | 70 | 63 | | 34 | 35 | 718,976 | 721,565 |

$\begin{array}{l} Appendix \ A \\ {\rm Hardwood \ and \ Conifer \ Cover \ Type \ Descriptions} \end{array}$

| Blue Oak Woodland | Blue Oak/ Foothill Pine | Montane Hardwoods | Potential* |
|----------------------|----------------------------|----------------------|------------------------|
| Blue oak | Blue oak/foothill pine | CA black oak | |
| | | Pacific madrone | |
| | | Tanoak | |
| | | Alder | |
| | | Interior live oak | |
| | | Canyon live oak | |
| Interior live oak | Coast live oak | Oregon white oak | Hardwood vegetation |
| Coast live oak | Interior live oak | Coast live oak | classified outside the |
| Buckeye | Canyon live oak | CA laurel | Pillsbury hardwood |
| Juniper | | Valley oak | polygons. |
| Canyon live oak | | Blue oak | These areas did not |
| Valley oak | | Foothill pine | undergo a rigorous |
| Ponderosa pine | | Ponderosa pine | accuracy assessment. |

Note: Species in bold are dominant in the woodland type. Species in non-bold are associates.

In each species group, dominant species comprise the greatest proportion in the total tree canopy cover and associate species occur in sub-groups comprising a minimum of 5 percent of total tree canopy cover.

Source: CWHR, Pillsbury et al. 1991, adopted from Greenwood et al. 1993

| Pine | Fir | Other Conifer |
|-----------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Ponerosa pine Jeffrey pine Western white pine Lodgepole pine Mixed conifer – pine | Douglas fir White fir Red fir Mixed conifer – fir | Foothill pine Mountain hemlock Bristlecone pine Foxtail pine Singleleaf pinyon Sub-alpine conifer Giant sequoia Whitebark pine Western juniper |

Source: CALVEG cover type classes from the USFS Region 5 Remote Sensing Lab GIS library

^{*} Generally occurs as a mix of dominant species listed.

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